We're celebrating—Grumman hits 40-year mark, reaches for 50

It's Grumman's 40th anniversary this month: the doors of Grumman Aircraft Engineering Corporation opened January 2, 1930, on the first of many depression years.

Having rented a garage next to the Long Island Rail Road in Baldwin, half a dozen young men set about founding a modest business in repairs to amphibians, and as the year went by, they gradually hired 15 associates, who brought valuable experience from their Loeing Company days. It hardly seemed possible that they could make it go. But they did. They designed and built what the Navy, just entering the age of the aircraft carrier, most needed: amphibious floats and light, strong planes for use on carriers.

When World War II erupted in Europe, the Grumman Company got an order from France for 81 fighters. France fell, and the British took over the contract. From then on, Grumman expanded.

Certainly the people of Grumman set some production records during the second World War that will stand for all time. And for those accomplishments Grumman received five Navy E awards; that in itself was an outstanding honor.

But it was only the beginning. Although the production pace will never again be achieved, what better way to close out the first 40 years than to help land man on the moon, and return him to earth again, safely.

The story of many peaks and a few valleys, of gifted administrators, engineers, and shop people, is to be found in the 40th anniversary supplement included with this issue of Plane News.

To mark the anniversary month, nothing could be more appropriate than a little conversation with Leroy Randle Grumman, now 75 years old and Honorary Chairman of the Board of Grumman Corporation.

A "little conversation" with Roy Grumman is something devoutly to be wished but not readily come by, for the founder of the Grumman companies is an unbelievably modest man. Living pretty much in retirement, and with very restricted vision now, he is reluctant to elaborate on the phenomenal growth and present-day significance of the companies that bear his name; it is rather the personal and little-publicized bits of information that color the valued dialogue.

Listen in on a conversation with pipe-smoking Roy Grumman and his longtime friend Albert P. Loening, Grumman Director and the Treasurer, in the 1920s, of the Loening Aeronautical Engineering Corporation:

Question: Mr. Grumman, as a young

(Continued on page 2)

plane
GRUMMAN
news

Company team going all out to win Space Shuttle award

Ten years ago Grumman, deep in manned space competition for Apollo and then for the Lunar Excursion Module, lost Apollo but won the LEM. Now activity is again at fever pitch for a major space proposal, the NASA Space Shuttle. "We're going to go out and win it!" says President Lew Evans.

In some ways the new program is even more challenging than the earlier ones, and certainly the competition is as brisk. The Space Shuttle proposal calls for "marked advances in many technology areas," Vice President Larry Mead said last week. Mead is the newly appointed director of the Space Shuttle Proposal.

All the major aerospace companies are in competition for NASA's Phase B study. "We expect that two or three Phase B study awards will be made," Mead said, "and a formal request from NASA is expected within the next two months. Such a study would run into 1971—and after that, contractors will be named to develop the hardware. We intend one winner shall be Grumman Aerospace."

The Space Shuttle is to operate as an airline carrying men and supplies between earth and a long-term earth-orbiting space station or laboratory. Of prime importance will be shuttle re-usability: both units, the booster and the orbiter, must be capable of making many round trips (earth to outer space and return) without the need for major refurbishment between flights, Mead said. In short, the shuttle must be more economical than the single mission vehicles used thus far for manned transportation into space.

Under the present concept of the Space Shuttle, two manned stages, a booster or first stage, and an orbiter or second stage, are each designed with wings and two types of engines: rocket, for liftoff and space propulsion, and air-breathing, for propulsion after re-entry into earth atmosphere. It is planned to launch booster and orbiter together from a vertical position, the rocket engines sending both stages into orbit in Saturn fashion. The booster, after launching the orbiter to make its own rendezvous with

(Continued on page 3)

Space shuttle. This concept of the two stages of a NASA Space Shuttle clearly reveals their relation to aircraft, but both have rocket as well as air-breathing engines. Booster and orbiter together will weigh at least 3½ million pounds. They are comparable in size to a 747 jumbo jet and a DC-9. (Painting by Jim Rodriquez, Presentations)

Vol. 29, No. 1, Bethpage, N. Y., January 16, 1970

How to succeed in business — 'We tried to do a solid job'

(Continued from page 1)

man you were flying for the Navy. Wasn't that pretty advanced thinking, with the Navy barely beginning to have planes for carriers?

LRG: Yes. That was before they even had carriers.

Question: You started about 1918, after graduating from Cornell in 1916?

LRG: Yes. I was an instructor at Pensacola for a while, doing what they called "advanced flying" in the Navy. After that I went to M.I.T.

APL: Here's something you can mention: The Loening Company got an order to build 50 monoplanes—but 40 were to be built at the Naval Aircraft Factory, and the Loening Company was to build only 10. At the Naval Aircraft Factory they put a young pilot-engineer in charge of building those 40 planes, and every Saturday morning this young man would come to the Loening plant to see how we were getting along. My brother Grover and I were so impressed that we decided Roy must come with us.

Question: Was Grumman Aircraft Engineering Corporation your idea, Mr. Grumman? When you were working at the Loening Company, did you decide one day or other that you wanted to have a company of your own, or did you and Jake Swirbul and Bill Schwendler put your heads together?

LRG: We decided we weren't going down to Bristol.

APL: You see, Keystone (part of Curtiss-Wright) bought the Loening Company in 1929 and decided to close its New York plant and move everybody to Bristol, Pa., where they were building bombers. Roy, Jake, and Bill didn't want to go there, and they decided they wanted to have their own company.

LRG: I wanted to go out on the Island.

APL: They would have had to pull up their stakes and leave the Island. They couldn't commute to Bristol from their homes.

LRG: And we'd lose our best men because they wouldn't have moved out. The men just wouldn't go—not the good men.

APL: Jake and Roy decided that one of the first things they'd do after they got a plant was to repair any Loening amphibians that were around, because they were familiar with them, having built them.

LRG: The first year we got along by doing the repair work, I remember.

Question: But you were thinking of the floats, weren't you?

LRG: I wanted to get a Navy contract, as I recall it, and the only thing that we could get would be an amphibian float, so we designed a float with a retractable landing gear . . . and of course later Bill Schwendler and I were at the Bureau of Aeronautics with that, and they wanted to know if we couldn't put retractable landing gear in an airplane. . . . But they wanted to put it in somebody else's airplane, and I said we can't do that—we've got to build our own airplane.

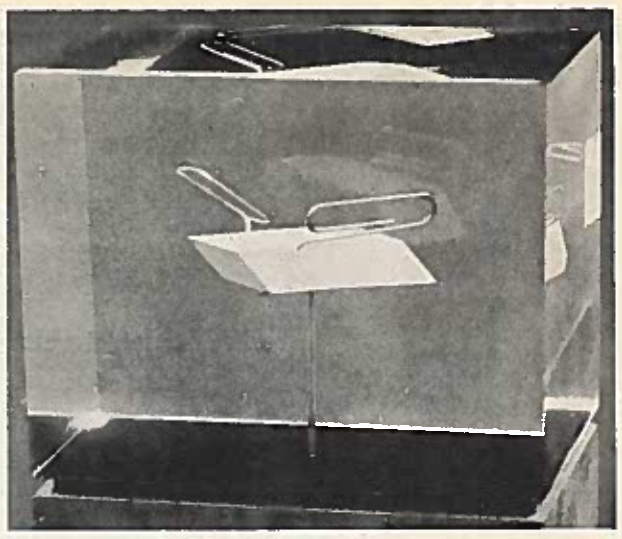
APL: There weren't many retractable landing gears then.

LRG: No, there weren't **any.** We were the first to put one in a military airplane.

Improved folding wing

Question: There's a story—is it apocryphal?—about your demonstrating in the early 1940s a new design concept for a folding wing, using an eraser and a paper clip to show how the wings could fold backward to save space on a carrier.

LRG: Well, other planes had folding wings that folded upward at the tips and if they weren't properly locked when the plane took off it would get about 10 feet in the air and the wings would fold and the pilot would be killed. I tried to get a design that wouldn't do that. The idea was **safety.** Once you got in the air with these they wouldn't collapse—that was the idea. I had an eraser and two paper clips which I just stuck in and got 'em so the wings, instead of folding upward, folded back this way, right beside the body. We used it on the F4F-4, and the Hellcat and the Avenger.



For posterity. **Friends of Roy Grumman once gave him a party and presented, encased in plastic, his eraser-paperclip concept of the famous Grumman backward-folding wing. Far clip shows wing extended; near clip is swiveled against fuselage.**

Question: Plane News is going to have an anniversary issue. Mr. Loening, do you have anything you want to say?

APL: I'll give you one short statement: I had the pleasure of attending the 25-year luncheon at the Huntington Town House, December 22nd and I looked over the group—1756 Grumman men and women, all of whom had served 25 years or more—I couldn't help but feel that nowhere else has such a group been assembled who have accomplished so much—from the early days to the landings on the moon. The Grumman Company is now known all over the world.

Question: Mr. Grumman, what do you say about your Company?

LRG: We tried to do a solid job.

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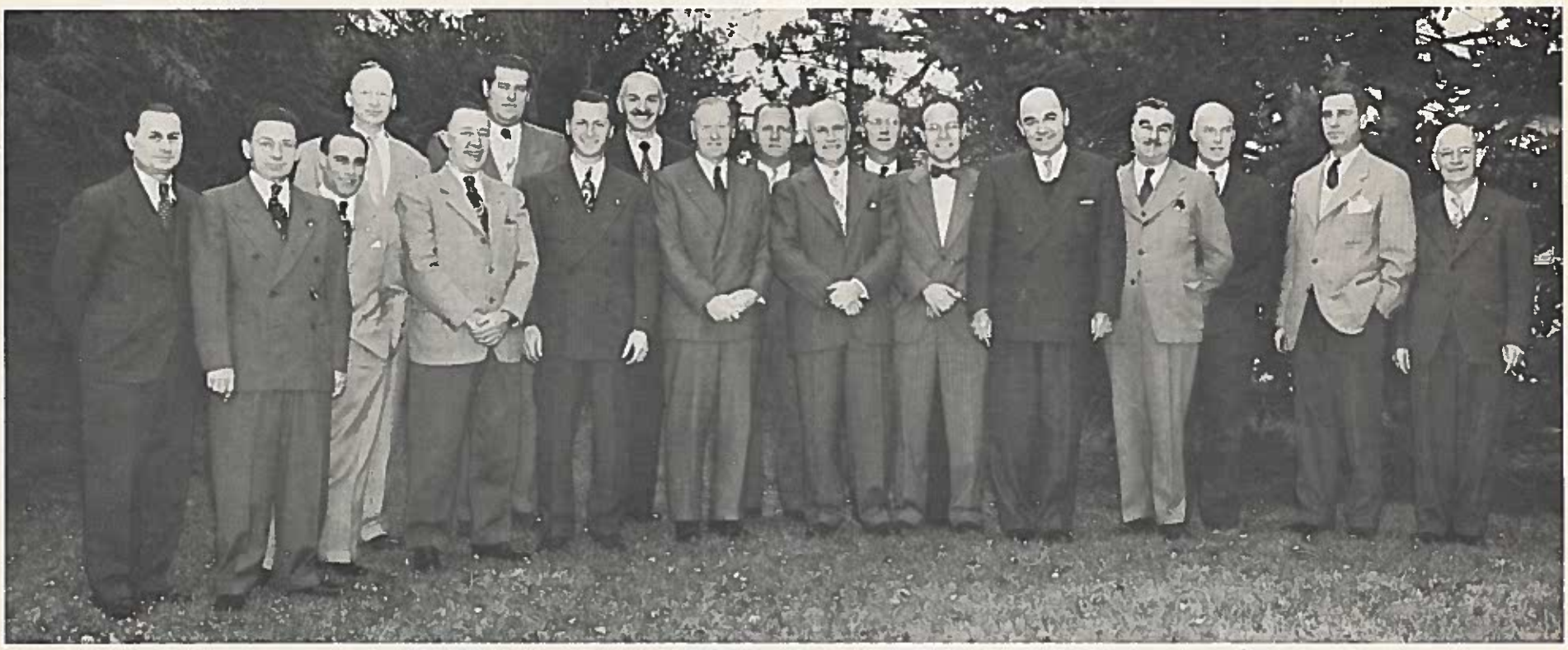
This interview with Roy Grumman is the first of a series of conversations with the founders of Grumman Aircraft Engineering Corporation. Plane News will continue to mark this anniversary year by publishing dialogues with the men who first laid foundations for Grumman over 40 years ago.



Grumman pioneers. **The picture is an old one, taken about 20 years ago, but some of the faces are still to be seen around the Grumman plants after 40 years with the Company. The 'originals' who went to work for the Grumman Aircraft Engineering Corporation in 1930 are (L to R) Charles Hajek, Julie Holpit, Bill Galbraith, Tom Rae, Jim Wallace, Lou Willing, George Burkhardt, Charlie Solarski, Roy Grumman, Ben Gambee, Joe Stamm, Ed Poor, Dick Hutton, Jake Swirbul, Luddy Siechta, Bill Schwendler, Clint Towl, and Jake Boedigheimer.**

Grumman team going all out on proposal for Space Shuttle

(Continued from page 1)

the space station, then returns to its field of origin.

"The function of the orbiter? Well," said Mead, "it could be to deliver a satellite into orbit, or carry supplies to a space station, or it might refuel a Mars vehicle, or transfer personnel to the orbiting space station. Perhaps the most spectacular use for it would be to mount a Mars exploration mission by delivering personnel and parts of a Mars space probe for assembly during earth orbit.

"You can imagine that one of the biggest problems," he added, "will be to settle on materials that will withstand the high heat generated by reentry into earth's atmosphere at hypersonic velocities, and to withstand such temperatures trip after trip. The whole point of a shuttle is to reduce, by about a factor of 10, the cost of putting large payloads into earth orbit."

Mead, who has been F-14 Product Manufacturing director and deeply involved in many past proposals and aircraft programs, reports to Vice President Joe Gavin, director of Grumman Space Programs. Perhaps an indication of how much interest Grumman Aerospace has in this competition is the announcement that new offices have been opened in Plant 25 for President Lew Evans, for Grant Hedrick, Vice President - Technical Operations, and for Gordon Ochenrider, Vice President - Business Development. Mead and a top-flight Space Shuttle team of spacecraft and aircraft specialists are expanding into a third floor area of Plant 25.

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The National Aeronautics and Space Administration announced last week that it would delay the Apollo 13 (LM-7) mission by a month in an effort to improve the scientific output of the lunar missions and to save on the manned space program budget. The new date for Apollo 13 is April 11, and Apollo 14 will then be delayed until the fall.

On their way. **Deep in plans for the NASA Space Shuttle are Vice President Larry Mead (L), director of the Space Shuttle Proposal; Dick Kline, Space Shuttle Project engineer; and Saul Ferdman (R), director of Advanced Space Programs. They're backed by a team of spacecraft and aircraft experts. All major aerospace companies are competing for the Shuttle Phase B study.**

They're after us . . . !

There we were, idly flipping the pages of a Garden City daily tabloid, when—ZAP! We came back for a refocus. Yep, the lines were still there:

"We need the F-14 like we need a hole in the head."

Now who would say such a thing, our mind—razor sharp—asked with a flutter. Ah . . . "Navy pilot." By jingo, he's done it again, that crafty writer and authority on aircraft, Anonymous. We nodded our head in admiration. Gee, that old guy sure does get around!

Our curiosity thus piqued, a great urge to read further swept over us, and we confess that we (like the writer) tended to "get misty-eyed" about those glory days of the Hellcats in World War II.

Ah! But he'd entrapped us: here, without even so much as a courteous tip of the cap, his blade of righteous indignation (though dulled by inaccuracies) was slashing away at—of all things!—our own F-14. A Navy-Grumman love affair, he'd suggested, complete with all those "blind spots" built into those flights of ecstasy.

Shaken, a tear slid down our cheek as we thought of present-day pilots and their marvellous love affairs . . . the A-6A Intruder . . . the Mohawk . . . the Greyhound . . . the Hawkeye. . . . Oh, the misery of such love affairs! Gamely, we carried on—

The F-14, we learned, was naught but "an awful hodge-podge of everything that's wrong in modern American combat aircraft design," and though we winced at that, we noted and quickly jotted down that lovely word "hodge-podge." It was so exquisitely precise! We instantly saw, in flashing lights ten feet tall, **exactly** what each and every specific item was that he referred to (without benefit of language).

And when he threw that left hook, that the F-14 wasn't what "many of the Navy's own combat pilots" yearned for, well, we wondered when and where **that** poll was taken; and there was some comfort, after all, in (silently) asking, How many is "many"? But all that is mere semantics and beside the point, we had to admit. So—forgive us—we went back to the extraneous: in a five-way competition held by the Navy, we won.

That thought steadied us a bit. But were we, somehow, through a quirk of the subconscious, just rationalizing that love affair that had so benefited the Nation and—dare we think it?—Grumman? Doubts assailed us—before we could react to the next body blow, the "blizzard of often contradictory cost figures." Now **that really** perked us up. If there's anything that pops the eyes open, it's money, either down the drain or in the pocketbook. We were alive and tingling!

You know, that writing feller was right: he did make it all confusing. As the beads of perspiration started forming a line across our forehead—a sure signal, we're told, of worry, insecurity, over-exertion, a hot house, etc. —we quaked; so much so that a memory process triggered in, as if by cue, and we could almost hear our mental computer churning at an alarming rate. The answer bounded out, skipping and doing cartwheels, or whatever it is that they do when the bells of clarity ring joyously. It was all in an official but unclassified memo, available for the asking: Congressional Record of September 18, 1969, Volume 115, Number 150, S-10857.

We collared the memo and scanned it. According to the number of aircraft bought (463, 716, or the typical 10-year program buy of 1200), the **total**, including flyaway, support, spares, and R & D, came out (in escalated millions of dollars) to $13.6, $12.0, and $10.4, respectively, per plane. Clear enough. We were almost happy . . . but how accurate are the figures? Back to that memo, in which we read:

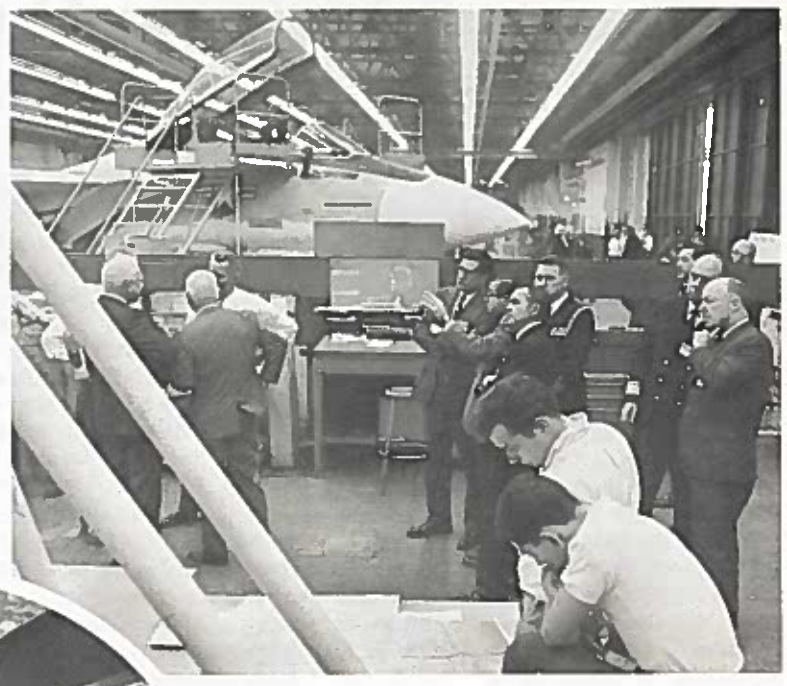
"The Navy has a high degree of confidence in their cost estimates based on past history comparing estimates to actual costs. The Navy conducted a detailed, involved Concept Formulation and Contract Definition effort for the F-14 utilizing the Navy Fighter Study, the CNO staff, and Naval Air Systems Command personnel. Detailed costing was done by these groups supplemented by various independent consultants. Events to date have not shown any reason to alter these cost estimates."

Relieved, we put aside that headache pill that had been glowering at us. ZINGO! Getting back to the article, we read that the F-14 might be worth the bucks "if it had any hope of being a good airplane. The F-14 does not." Then our writing guy says that what "we need is a true air superiority fighter, a plane built for the sole purpose of 'dogfighting' . . . against the light and highly maneuverable Soviet-built fighters, such as the MIG-21, best in the world of its type." Then he follows up with a crunching right to the jaw—that the real problem with F-14 is that it's a multi-purpose aircraft instead of a single-purpose aircraft. And besides, there was some other company that could have built an air superiority (which, to him, we guess, means single-purpose) aircraft at a third of the price of the F-14.

We ponder all that. The wheels of memory roll again, and we recall only two single-purpose aircraft, the U-2 and the short-lived Bearcat whose sole aim was to knock down Zeros.

And we think, too, that maybe—just maybe—that writer failed to understand that the F-14, from its inception, was designed as an air superiority fighter; that the aircraft has been so formed that it can perform the fleet-air-defense role or the stand-off all-weather missile role without **jeopardizing its air-superiority** because it can release all ordnance and, presto!, do the dogfighting; that the Soviet threat is **real** (MIG-21 is a second-line Soviet fighter, and there are four new planes that can out-perform our best, the F-4; **and** the Soviets introduce a new or improved fighter at a rate of one a year—and our F-8 was developed 14 years ago and our F-4 started through the design stage 13 years ago).

Gadzucks, there, fella! it **has** been fun. And we're all in this, you know . . . so whenever you want to send us another of your rollicking pieces. . . .



Production is the topic as Vice President Mike Pelehach describes boron layup to Navy Secretary John Chafee, accompanied here by Capt. Gordon Gray, Vice President Bill Zarkowsky, and Capt. Stan Turner.

Navy Secretary here for briefing on F-14

The F-14 Program was on review early this month when Navy Secretary John Chafee visited Grumman for a first-hand look at progress on the Navy's new air superiority fighter. And a distinguished group of Navy officers accompanied the Secretary, including Vice Adm. Tom Connolly, Deputy Chief of Naval Operations for Air; Rear Adm. Tom Walker, Commander, Naval Air Systems Command; Capt. Stan Turner, executive assistant to the Secretary; Capt. Gordon Gray, Office of Program Appraisal, NASC; and Capt. Mike Ames, F-14 Program manager, NASC. With the group, too, was Bob Young, head of NASC's Airframe Purchasing Division.

On the tour, Secretary Chafee visited Plant 1 to view the production area and the F-14 mockup, the Plant 15 Action Center where he was briefed on the Program's status, boron production in Plant 3, and electron-beam welding operations in Plant 2.

Cockpit inspection found Secretary Chafee flanked by Project Pilot Bill Miller and Capt. Turner in F-14 mockup. At right, the Navy group tours Plant 1.

Pension Plan change

There's more protection for the future coming your way in the form of a new Pension Plan rule recently adopted by the Company's Board of Directors. Now any Grumman employee with at least 10 years' service whose employment ends for any reason other than his "fault or delinquency" is entitled to receive a pension upon attaining the age of 65. This clause is retroactive to January 1, 1970. Previously at least 20 years of service was required before a person became entitled to a deferred pension (a pension beginning after you become 65).

Th newly liberalized deferred pension benefit is only one of several benefits provided by the Pension Plan. There is, of course, the full pension at normal retirement age 65, and a pension which can begin immediately upon termination of employment with Grumman provided you are at least 50 years of age and have at least 20 years of service, or provided you are at least 60 years of age with more than five years of service.

Also, there is a surviving spouse benefit for the employee who could have retired with a pension beginning immediately after termination of employment but who died sooner, or for the surviving spouse of an employee who had at least 20 years of service. The amount of your pension is always larger the longer you remain working.

Dick Metzger

Fred Jinks

Data Systems names directors for Administration, Contracts

Grumman Data Systems Corporation has announced the appointment of Dick Metzger as director of Administration and Fred Jinks as director of Contracts. Metzger will report to Pete Viemeister, GDS President, and Jinks to Burt Stern, Vice President - Finance for GDS.

Metzger joined Grumman in 1951, working in Engineering on the design of the F10F, F9F-6, and F11F aircraft. From 1953 to 1955 he was assistant to the Engineering manager, and then he moved to a corporate staff position and helped organize both the Business Development and Program Management Departments. His most recent assignment has been chairman of the Corporate Proposal Committee.

Dick was graduated from the University of Notre Dame, magna cum laude, and served in World War II as a captain in the U.S. Army Corps of Engineers.

Jinks has served Grumman in various capacities in the past five years, for Contracts, including business manager - Major Subcontracts; business manager - VS(X) Program; ASW Contracts manager; senior administrator, S-2E Program.

A graduate of Rutgers University with a B.S. in Management, Jinks was employed for 12 years by Conrac Corporation at Caldwell, N. J., and in Plainview, L. I. He served in the Navy at the close of WWII and during the Korean conflict.

Lubin 'good friend' to Plastics group

The Society of Plastics Engineers, New York Section, "is honored to have George Lubin as a member and gratefully bestows upon him the 'Member of the Month'," says the SPE Newsletter for January. Lubin is described by one of his fellow directors as "one of the most competent and expert consultants in the field of fiber-resin composites," and "an innovator in his field and a doer . . . good company and good friend." Lubin, whose Handbook of Fiberglass and Advanced Plastics Composites was recently published by Van Nostrand Reinhold, is Plastics staff consultant to Grumman Aerospace.

Alex Alexandrovich

Gene Bonan

Appoint Alexandrovich, Bonan to Technical Operations posts

Alex Alexandrovich and Gene Bonan were recently named to new posts, according to announcements signed by Vice President Grant Hedrick, director of Technical Operations.

Alexandrovich is Hedrick's new deputy director of Technical Operations. His office adjoins Hedrick's in Plant 5, and his extension is 3402.

For about 5½ years Alexandrovich has been director of Systems Technology, responsible for the integration of systems in all Grumman products. He joined Grumman in the summer of 1963 as assistant to Hedrick, coming with extensive engineering and management background in flight control and advanced navigation systems. At General Electric, where he worked for 16 years, he was manager of the Mark 84 Polaris Fire Control system.

He is a graduate of North Carolina State University and has a Master's degree from Union College. He and his wife, Pauline, have a son, 17, and two daughters, 14 and nine. They live in Syosset.

Gene Bonan, asst. director of Systems Technology for the past three years, has been appointed director of Systems Technology.

Bonan last year attended the Program for Senior Executives at the Alfred P. Sloan School of Management, M.I.T., during the spring term. He is a 21-year man and a graduate of Catholic University. He was manager of Systems Engineering for two years, and before that, chief of Systems Design & Analysis for four years. He and his wife, Mary Elizabeth, and their two sons, 14 and 12, live in Stony Brook.

Gene is in Plant 5, Ext. 3988.

Name Milligan

In a move to consolidate and give better control to corporate activities related to audio and visual presentations, the Photography and Television Department and the Presentations section of Product Engineering have been combined to form Presentations Services, with Dick Milligan as manager.

Milligan, who is based at Plant 5 and can be contacted on Ext. 7117, has two assistants, Dick Clark, Ext. 2377, and Ken Gruebel, Ext. 3354.

Cover

The Baldwin garage, dim in memory for even the early pioneers of the Company, is captured vividly on the cover of the special 40th anniversary insert. Artist Craig Kavafes of Presentations recreated the scene in water color from an old photograph of the original home of the Company.

CALENDAR of events

Notice of events for period Jan. 16 - Jan. 30 should reach Plane News by Mon., Jan. 19.

Amateur Radio Club: Wed., Jan. 21, 5 p.m., Plant 3 Cafeteria Conf. Rm. Bus. meeting. Emmett Goodman, Ext. 87121.

Amer. Inst. of Indus. Engrs.: Wed., Feb. 4, dinner 6 p.m., meeting 7:30 p.m., Plant 30 dine rm. Irving R. Goldstein, Assoc. Prof. Ind. Eng., Nwrk. College, on "The Black Box - A Simulation of a Prod. Sys." Cocktails & dinner, $5. Reserv. before Jan. 28. Ken Kessler, Ext. 2050.

Amer. Soc. Tool & Mfg. Engrs.: Mon., Feb. 9, 7:30 p.m. coffee; 8:30 p.m. meeting, Garden City Hotel. Spkr. Robert Richards, Numerical Controls Logic Sys., Inc. on "Numerical Contr. Systems." Mike Hirsch, Ext. 84581.

Coin Club: Wednesdays, 12:05-12:45, Plant 25 Vendor Conf. Rms. Irv Atkins, Ext. 1874.

Family Campers: Sunday, Feb. 1, 5 p.m., Plant 18. Monthly meeting, coffee & cake. Phil Giacini, Ext. 57-247.

Fencing Club: Wednesdays & Fridays, 5 p.m., Plant 30 Cafeteria. Joe Campisi, Ext. 1134.

Rod & Gun Club: Wed., Jan. 28, 8 p.m., John's Oasis. Bus. meeting & film. W. Strittmatter, Ext. 1234.

Ski Club: Wed., Jan. 21. Reg. meeting. Bill Brennan, Ext. 3451.

Stamp Club (Bethpage): First 3 Wednesdays of month, 5 p.m., Plant 30 Cafeteria. Circ. bk. sales, swap., auction. Harold Haug, Ext. 3473.

Toastmasters Club: Wednesdays, 6 p.m., Town & Country Diner, Syosset. Pub. speaking prac. Geo. Breen, Ext. 1651.

in the SLIPSTREAM

Facilities

by Venus Vasilakos

Happy 1970 wishes to one and all. . . . Felicitations to Gil Herdt on his 25th anniversary with Grumman, and to Patricia Dolan on her engagement. An August wedding is forthcoming. . . . Our thanks to John Rose's son for the wonderful job he did painting sign welcoming all to Facilities Christmas party, and thank you to the committee for a job well done. Everyone had a wonderful time. . . . My apologies to Wolfgang Nauke. . . . Welcome to Facilities' Joanne Butler. . . . Our best wishes to Roland Wolters for a happy retirement. . . . There was a white-haired man ho-ho-ho-ing Christmas week and his name certainly wasn't Santa Claus. . . . Condolences to John Rose on the passing of his father and to Francis Csendes on the loss of his mother. . . . Good to hear from Chris Witt and Chris Steffan, who are enjoying their retirement. . . . Marilyn Bunzel should take up karate and leave the basketball playing to the N.Y. Nets or N.Y. Knicks. . . . Roger Fisher still waiting for Freedom Dinner from Joe Slattery and Thurman Wright. . . . Dan Herlihy has fire hat for sale and Dan Davis cancelled his order for one. . . . The Ed Carles welcomed their fourth, a boy, and also their first Texan. . . . That sweet innocent looking fella with a choir boy face who looks like he couldn't hurt a fly actually shot a 100 lb. bear cub. . . . Harry George, son of Harold George, married December 6. . . . Roger Fisher adopted a family with his winnings from the pool and made some little children very happy. . . . The Jack Tonkinsons enjoyed their Christmas visit from son Russell, now out of service but going to school in California. They hadn't seen him for two years.

The 8 Balls

by Ella Long

Back to work for another year. . . . Lou Roche's car broke down and Jim Smart picked him up for a ride in the control car. . . . Norma Bettancourt full of disguises with her many wigs. . . . Frank Nutz anxious for his retirement in March. . . . John Antes retired and looking forward to just being a country gentleman. . . . Ed Collins will be playing golf in Florida all winter. . . . Don Gleason transferred to Plant 14. . . . Joe Keenan's favorite sport is still girl watching. . . . Dick Lerner has his horse for sale. . . . Paul Shadlich sightseeing in N.Y.C. for the first time in years. . . . Kurt Abraham visited us; looks wonderful. . . . Art Murray visited us and is now in Hawaii for a few months. . . . Adam Schubert looking very mod lately. You can tell Roger is home from GAC, Calif. . . . Bob Freemer and Mike Fasciano are avid chess players at lunch time. . . . We said "so long" to our midnight shift and now the days are crowded with nice new faces. . . . John Bielins went hunting deer the hard way. One of our animals out here jumped right over the hood of his car. John is still shaking. We do live dangerously out here in the boondocks. . . . Jim Pickering got a promotion to the second floor. . . . Hugo Crowder off the midnight shift now sees the sun on the way to work. . . . Ole Larsen made a wonderful Santa Claus to the school children of West Islip and our group. . . . Carmen Corona returned from a well deserved Florida vacation, but with no suntan. The sun just can't penetrate those tinted windows. . . . If you want to know who is going to lose any football games check with Roy Furst; he has lost all bets all season. The winner: Paul Larrabee.

Ready, 1 and 2 . . . **The Grumman Employees Band, with Al Kordula at the helm, is about to launch into a holiday number at Plant 6 during its concert tour of the Grumman plants. The group entertained thousands with its renditions during Christmas week.**

High Finance

by Ron Maginniss & Annette Montaperto

Stan David's Christmas decoration has been vaulted away till next year. . . . Christmas time was engagement time for Fred Tomaini and Barbara Pavitt (formerly of General Accounting), Sue Kozsdiy of Invoice Audit, and Helen Marx of General Accounting. . . . With limited space, it is impossible to congratulate everyone recently named to new positions, so as a group we congratulate all individuals affected. . . . Art Hudson is a proud papa of a baby girl, Dawn. . . . Mike Sands will be recuperating for some time from a slipped disc.

In the Mirror

by Tom Melia

I hope you did better than I on resolutions; I made seven and broke eight. . . . Great to see Barbara Grodski back; also Jim Mulqueen. Jim found out after 50-some odd years that all he needed was vitamins. . . . Milt Kramer home after a short stay in the hospital. Fell on the ice walking his dog. Suggest he buy ice skates for the dog and turn him loose. . . . A hearty welcome aboard to Art Bozza, Lee Binder, Jack Stewart, and A. Arrigo. . . . I would like to welcome back all those who had the virus between Christmas and the first of the year. . . . I would think by now that Frank Zolezzi believes George Mannarino won the softball championship as evidenced by those little surprises in his lunchbox. . . . Dennis Jones became a proud papa in December; Santa Claus came early for him. . . . Good to see Snoopy of LM Production back. . . . Did you see Joe Cassese's mustache? Makes him look debonair. . . . Had a visit from Don Bartow for Christmas. He loves his new job. He also is sporting a mustache. . . . Sorry to see Barney Martin leave us for Plant 5. . . . Vinnie D'Angleo invented a new drink. Calls it Cinderella hi-ball (one drink and you're in fantasyland.) . . . Chris Geyer sent pictures of his home and family and of course his boat in Florida. What a way to live. Beautiful. . . . Bob Walsh seems happier since the holidays.

Cue See Tee Ess

by Agnes Bandhold

Christmas dinner dance held at the Thatched Cottage was a huge success. Plenty of good food and Yuel Fuel. There were 22 prize winners, with Bob Aitken winning the magnum of champagne and Al Gagliano a basket of cheer. All 86 people attending had a good time. . . . Congratulations to Frank Huether, who is wearing a new wristwatch after 25 years of service. Lynn Metcalf and Bob Boehm were the recipients of five-year pins. . . . Just received the good news that George Ferenz is home from the hospital and recovering nicely. Hurry and get well, George—we all miss you. . . . Louise Tooker flying off to Germany after the first of the year to attend son Paul's wedding. . . . The Girls of QCTS wish to thank all who contributed to our Christmas gifts. It was indeed very thoughtful, and we do appreciate your kindness. . . . Happy New Year from yours truly and all of QCTS.

Contracts Clamor

by Gloria Becker

Best New Year wishes to all. . . . Our Christmas party was a huge success and I'd like to take this opportunity to thank Gus Spanopoulos for all the help he gave me in planning it. . . . Congratulations to Burt Stern, Pete Oram, and Rolf Larson on their appointments as Vice President of Grumman Data Systems, director of Contracts, and deputy director of Contracts, respectively. . . . Fred Jinks, Karen Nielsen, Val Ahrens, and Brian Urquhart moved to GDS. . . . New baby dept.: Al and Katy Robinson, a boy; Bill and Elaine Reilly, a girl. . . . Condolences to Al Cobis and Kay Buttell on the loss of their mother and father, respectively. . . . Best wishes to Joe Perrone and Ronnie on their engagement. . . . Gerry Anderson counting the days till her marriage to Robert Widman on April 11. . . . Al Ure has made it—his new house was completed in early December and the family moved right in. . . . Carol Walsh was married to Tom Powers. . . . Alice Ferrara beaming broadly on daughter Kathy's engagement. . . . If you don't see your group mentioned, please give me a call on Ext. 86821.

Heavy response to Travelers

Nearly 5000 life, automobile, and homeowners policies have been bought by Grumman employees since Grumman's Financial Services Plan went into effect. And in the first 2½ months of the Plan in the Long Island plants, five homeowner and 50 automobile claims were presented to The Travelers Insurance companies. On the average, claims were paid within three days.

One unusual fire loss under a homeowners policy was reported. Claim was made as the result of a fire on the Long Island Expressway; personal property being transported in an automobile was destroyed when the car caught on fire. Since there was no fire coverage for personal property on the car, the homeowners policy paid the claim under the "property away from the premises" section.

The largest number of claims involved auto accidents, Travelers said. Of the 50 such claims presented, 25 have been closed and claim checks paid to Grumman policy holders. In 15 claims presented, reimbursement has been requested from the third party responsible for the accident.

If you have not made an appointment to consult a Financial Services Plan counselor and wish to do so, without obligation, ask an ESO (Employee Services Office) representative how to reach the counselor serving your plant.

Flyers plan own fleet

The Grumman Flying Club, with membership of 341, has voted to buy and operate its own fleet of 10 aircraft: six Cessna 150 Commuters, three Skyhawks, and one Skylane. A series of approved ground school courses is being conducted by the Club. Call John Brook, Ext. 2221, for details.

A. E. Southard
Router & Shear

J. Springsteen
Heat Treat

F. E. Long
Parts Paint

W. P. Nicholar
Prototype

P. Olynik
Final Assem.

G. H. Doran
Final Assem.

G. Wall
Fuse. Minor

J. C. Corrigan
Tool Fab.

M. S. Juppe
Tool Fab.

Twenty-four on January service list reach silver anniversaries

A weighty anniversary roster for January includes three who have completed 40 years with the Company, three with 35 years, seven with 30, 24 with 25 years, 16 with 20, and 31 with 15.

Roy Grumman, Honorary Chairman of the Board of Directors, has seen 40 eventful years fly by, as have these three stalwarts completing four decades this month: Clint Towl, Chairman of the Board and Chief Executive Officer of Grumman Corporation, Grumman Aerospace Corporation, and Grumman Data Systems Corporation; Bill Schwendler, Chairman of the Executive Committee and Director of Grumman Corporation and Director and Vice Chairman of the Board, Grumman Aerospace Corporation; and Charlie Solarski, head of the Corporate Suggestion Office.

The trio completing 35 years' service are Clement Joie of Prototype, Plant 1; William O'Connell, foreman, Plant Stores & Distribution, Plant 3; Joseph L. Ciaccio, Prototype, Plant 29.

The 30-year men are George Cave and Felix Mazur, asst. foreman, both Plant Stores & Distribution, Plant 5; Herman Mack, Production Control - Parts Control Detail, Plant 7; Fred H. Luning, Fuselage Joining, Plant 27; Frank E. Baerst, MSC Manufacturing Offices Administration, Plant 52, Houston; Alfred B. Due, Prototype, Plant 77, Stuart; William E. Baker, Static Test, China Lake, Calif.

And then there are those 24 indestructibles who complete their first quarter-century and celebrate a Silver Anniversary this month. They are:

PLANT 2: Albert E. Southard, Router & Shear; Joseph F. Springsteen, Heat Treat; Frank E. Long, Parts Paint; William P. Nicholar, Prototype; Peter Olynik and Gerard H. Doran, foreman, Final Assembly; George Wall, Fuselage Minor Assembly; John C. Corrigan, Tool Fabrication - Non-Metal Forms; William L. Skinner and Miael S. Juppé, Tool Fabrication - Tool & Die.

PLANT 3: Charles D. Dukinfield, Wing Final; Adam J. Hojnacki, Fuselage Assembly.

PLANT 4: George P. Epp, Crash Crews.

PLANT 5: Charles L. Martens and Stanley C. Ostrosky, asst. foreman, Machine Shop.

PLANT 6: Peter P. Kusky, Facilities Maintenance; John Lucki, Fuselage Sub-Assembly.

PLANT 14: Norman A. Youngs, Part Fabrication; Norman R. Kay, Electronics Test.

PLANT 21: Stanley C. Miron, asst. foreman, B/P & Off-site Warehouses.

PLANT 22: Frederick J. Wark, Adv. Programs - Manufacturing Plans/Cost.

C. Dukinfield
Wing Final

A. J. Hojnacki
Fuse. Assem.

G. P. Epp
Crash Crews

C. L. Martens
Machine Shop

PLANT 27: John V. Rudelmier, Glass Canopy; Harold E. Kelly, Fuselage Sub-Assembly.

PLANT 29: Howard T. Tripp, Production Control - Parts Control Detail.

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The following are completing 20 years:

PLANT 2: William Shay, Drop Hammer; Joseph J. Mele, Special Projects, P/M.

PLANT 3: Richard D. Mallett, Machine Shop; Carlo J. Ruggiero, Final Assembly; Anthony H. Candito, Facilities Maintenance.

PLANT 5: Franklin J. Ibert, Machine Shop; Mark J. Elliott, Inspection - Aero Assembly.

PLANT 6: Michael S. Karbot, Prototype; William Polster, Hydraulics; John G. Musante Jr., Pre-Flight.

PLANT 28A: Harold M. Schaefer, Community News manager, Plane News.

PLANT 29: Walter Howell, Upholstery.

PLANT 30: Donald W. Marks, P/S Program Supply Staff.

PLANT 34: Guy Nonini, Mechanical Systems.

PLANT 76: Henry W. Patterson, Field Base Administration, San Francisco area.

PLANT 77: William C. Egar Jr., Quality Control Inspection, Plant 77, Stuart.

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Six women and 25 men comprise the 15-year roster:

PLANT 1: William F. Weber, Producibility; David S. Biggs and Angelo F. Marzella, Structural Designers; Ronald J. Heitzmann, Material & Process Administration.

PLANT 2: Irene H. Lauritsen, Manufacturing Planning & Control Mgt.

PLANT 3: Dick O. Nelson, Final Assembly; John J. Caputo, Mfg. Technology - Mfg. Engineering Liaison.

PLANT 4: Pedro E. Marques, P/S Support Systems; Raymond L. Mangan, Performance.

PLANT 5: Tomasi Izzo, Facilities Maintenance; Walter A. Hudson, Photography & Television; Ellsworth L. Baker Jr., Contracts - Aircraft.

PLANT 6: Robert W. Erickson, Prototype; Eleanor R. Moorehead, Mfg. Technology - Assembly by Tooling.

PLANT 11: Jack Messina, Tool Fabrication - Plaster Tools.

PLANT 15: Marie Hageman, Subcontract Management; Richard J. Kita, Aero Configuration.

PLANT 25: George C. Wiesinger, Program Management - LM.

PLANT 27: Ronald A. Mohr, Fuselage Sub-Assembly; George Hoyser, Plant Protection.

PLANT 30: Anna M. Shepard, Requirements Planning; Arthur J. Weisser, Reproduction Services; Ann F. Cozza, Billings & Revenue; Loretta Brown, Digital Computing Keypunch.

PLANT 34: Harry Schroder, Electrical Design; Richard B. Opsahl, Program Management - C-2.

PLANT 35: John K. Zentgraf, Experimental Dynamics; James J. Seno, Weight Analysis.

PLANT 38: Lloyd D. Schilling, Professional Development Program.

PLANT 39: Timothy C. Shea, S/CAT Management & Staff.

PLANT 81: John P. McAlonen, P/S Training Project Managers, Seattle area.

Credit Union meets

The annual meeting of the members of the Bethpage Aircraft Federal Credit Union will be held on Thursday, January 29, 1970, from 5 to 6 p.m. at the Plant 2 Cafeteria.

Refreshments will be served and door prizes awarded.

S. C. Ostrosky
Machine Shop

J. Lucki
Fuse. Sub.

N. A. Youngs
Part Fab.

N. R. Kay
Elect. Test

S. C. Miron
Warehouses

F. J. Wark
Adv. Progs.

J. Rudelmier
Glass Canopy

H. E. Kelly
Fuse. Sub.

H. T. Tripp
Prod. Control

PLAIN talk

Food for thought

No matter what side of the steam table you stand on, everybody, yes, everybody, is interested in the quality, selection, and price of items on the cafeteria menu. And this January 19-21 at the Barbizon Plaza Hotel in New York, some of the top food experts in industry will be on hand to discuss food services in a corporate community, with a view to improving service in the future. Dick Kosse, director of Food Services for Grumman, will be there. He's scheduled to speak on the need for corporate controls in the management of a modern food services program, and will deliver his talk on Tuesday, January 20. The American Management Association is sponsoring the meeting.

On call

The Opportunity Development Committee has announced the appointment of two more coordinators, Bob Giles and Emil Nemeth, who will work within the plants to assist Grumman people with any work-related or personal problems they may have.

Giles is located in Plant 39 and can be contacted on Ext. 6498. Nemeth will join coordinators already in Plant 2, and he may be reached on Ext. 9285. Should you have a problem that seems to have an elusive answer, why not contact any of the coordinators listed in your plant. They can help.

Tap Walsky for Coliseum post

Colorful Augie Walsky, who is assistant to the President and general manager of Production Electronics at Grumman, now has another assignment added to his busy calendar.

Augie, who started at Grumman back in May of 1940, has been elected a director of the Nassau Coliseum Corp., a group set up as overseers of the handsome, all-purpose arena funded by the county and now under construction at Mitchel Field.

Walsky joins chairman Harold F. Madden on the voluntary board, along with Carl A. Braun Jr., Arthur Hug Jr., Guy Lombardo, Albert J. Moore, Seymour S. Ross, Daniel T. Sweeney, and James J. Ward. Silas Edman is president of the corporation.

The Nassau Coliseum, when completed, is expected to seat 14,000 for sports events, and 16,000 for conventions and similar activities.

Thank-you notes

Obviously feeling better after a long confinement to hospital and home with a coronary infarction and complications, Frank Sabo of Technical Directives writes to express gratitude to Grumman and to send his greetings to all the friends he has made in his 27 years of Grumman service. He notes his good fortune in having had "a heavy financial burden covered by my Grumman Group Insurance," and adds a thanks to Employee Services "for all it did to make me feel cared for." He said, "It gave me a lift when it counted." . . . An eight-year man, Artie Pehrul of Ground Support, Plant 2, who has been on sick leave for six months, says he has "found out what real friends are. I should like all my fellow employees, management included," he says, "to know how appreciative my family and I feel. Grumman and its employees are the greatest. They have made a tough time a great deal easier. It's great to be a part of such a group." . . . And from Fred Randall of Plant 5 Facilities Maintenance come thanks to members of his department who marked his retirement last month with a dinner and a number of going-away gifts. The event, he said, "will always be remembered as one of the nicest things that has ever happened to me."

CAP honors Gabby

Frank (Gabby) Gabreski of Public Affairs, has been honored with a post on the Unit Sponsor Committee of Nassau Composite Squadron Five, Civil Air Patrol. Gabreski, a retired colonel in the U.S. Air Force and fighter ace, has long been interested in promoting aerospace and aviation education, and as a member of the sponsor committee, he will be assisting youth associated with the Civil Air Patrol. CAP is open to boys and girls between 13-17. Senior members are also needed. For more information, write to Jay Schleichkorn, P.O. Box 460, Farmingdale.

Air Force honor

Capt. Joseph M. Mack Jr. is presently hard at work learning more about Industrial Planning and Procurement at Grumman as a student participant in the Air Force's Education with Industry Program.

So it was a happy occasion when Capt. Andrew J. Yates, NAVPLANTREP at Bethpage, invited Mrs. Mack to Plant 30 to assist with the honors when he made the official presentation of the Air Force Commendation Medal (third oak leaf cluster) to her husband for a past duty assignment in Turkey.

The citation reads, in part, "awarded to Capt. Joseph M. Mack Jr. . . . for outstanding professional skill, knowledge, leadership, and astute management of Material Operations . . . leading to significant savings in material procurement."

Upon graduation from the Grumman program next June, the Captain will be assigned to an Air Force Procurement and Systems Management organization somewhere in the U.S.A.

Tune us in

Have you any "man bites dog" items—the oddities that make up this weird and wacky world of ours?

The headlines are made by the big news, like the landing on the moon, the F-14, Grumman's wide-ranging capabilities . . . but there are other things, too, that can be spun into yarns for years to come.

If you have 'em, we want 'em.

In Plain Talk, we welcome the humorous, the sublime, the grim realities—and offer to salute the heroic, the amusing, the extraordinary.

If, by chance, you have an item that fits any or all categories, don't hesitate to contact the Plain Talk Editor . . . be it by mail, phone, or even carrier pigeon. Our Grumman number is 3293 in Plant 28A. Our carrier pigeon, unfortunately, doesn't have a number.

Leavin' on a jet plane

For those who want to see Europe in the spring—the time has arrived. The time, that is, to sign up for the GAA charter flight to London and Rome, scheduled to take off from JFK on May 25.

Reservations for the flight will be accepted next Tuesday, January 20, at 5:30 p.m. in the Employment Office waiting room, Plant 28. Payment for the low-cost return trip must then be made. The fare is $199, and checks are to be made payable to the Bethpage Aircraft Tour Club. This charge is strictly for the flights.

Grumman employees, parents, spouse, or dependent children residing at the same address are eligible for the trip, along with retirees. The return flight will be made from Rome, via London, on June 15. Accommodations are available for 171 people.

The GAA is also planning an attractive package tour to Spain in the fall, which is scheduled to leave JFK on September 18, and return September 27. Plans are for the group to land at Malaga, Spain; headquarters will be in the Riviera Hotel, Torre Molinas.

The sign-up date for this tour is scheduled for Tuesday, February 17, at 5:30 p.m. in the Employment Office waiting room, Plant 28. The cost will be $295 apiece, and this includes the round trip fare, transfers, tips, and modified American plan, with two meals a day.

Gun Club dines

Everything is dear these days—and deer, indeed, will be the menu at a dinner being sponsored by the Grumman Rod & Gun Club in the Burgundy Room of the Holiday Manor on Wednesday night, January 28, at 7 p.m. Election of officers will follow the dinner, but tickets for the venison serving are available for both members and non-members of the club.

Tickets to the dinner are available through Warren Stritmatter, Ext. 1234, Walter Schillinger, Ext. 7881, Gene Walkowiak, Ext. 9581, and Marilyn Bolz, Ext. 7925.

Oh, yes, for those who don't like venison, chicken will be available at the same donation of $5.

Touch of summer

Belying the "frost-bite" weather we've been having lately, the world's most dazzling collection of pleasure boats will brighten the New York Coliseum with a touch of summer in the 60th edition of the New York Boat Show January 24-February 1.

Well over 500 boats, hundreds of marine inboard and outboard motors, and thousands of nautical accessories will be on display.

Grumman Boats of Marathon, N. Y., and Grumman Allied's Pearson display will draw their share of interest—in fact Grumman's 20-foot cruising canoe, complete with head, stove and canvas shelter cabin will be vying for honors as the novelty boat of the show.

Also in the Grumman display will be two signs of the Company's move into the sailing market—a 16-foot aluminum one-design sloop called the Flyer, and an 8½-foot sailing dinghy.

Three new fiberglass sloops are making their debuts in the Grumman-Pearson exhibit: the Pearson 26, Pearson 33, and the Pearson 39, the last two were tank-tested by Stevens Institute.

The Boat Show will fill all five levels of the Coliseum from Saturday, January 24, through Sunday, February 1. The hours are: both Saturdays, 10:00 a.m. to 10:00 p.m.; both Sundays, 1:00 p.m. to 7:00 p.m.; Monday through Friday, from noon to 10:00 p.m.

The regular price for adults is $2.50, and $1 for children 12 and under. However, Grumman's Employee Services Offices will have reduced rate tickets available at $1.50 each.

in the SLIPSTREAM

The Gardens

by John Gill

Bill McLean, Charlie Trubish, and Vic DeMeo celebrated their 25th anniversary with the Company in '69. . . . "Will Justice prevail?" is the question the men of 046 are asking as co-worker Eric "Windy" Helm continues to wage a valiant but futile battle to prevent the construction of a parking lot in his back yard. . . . The sports scene finds the South Shore Tuna and Barracuda Club of America, better known as S.S.T.A.-B.C.O.A., looking to spring, while "Boardway Mike" Kowalski and "Big George" Conner helped the Tessie Tuff's seven-man football team to still another championship on January 2, 1970. . . . The third annual 046 Christmas party was held on December 23. Hearty congratulations and sincere thanks to the members of the party committee, Stash Kociuruba, chairman; Mike Kowalski, meats; John Gill, salads, and Bill Cerlinko, for the use of his car.

LM 'n' Aids

by Tim Strada

The Christmas luncheon held in W2E as expected was enjoyed by all who attended. Thanks to the Government Material section for the invitation to share a party. . . . Thanks to Dottie Greenockle for putting up the Christmas decorations—sure looked swell. And by the way, the Greenockle family was happily united with daughter Karen, home from college for the holidays. . . . New department resolution: All quiet on the LM front. . . . Nick Condito, with help, kept a 24-hour vigil on the freight cars loaded with turkeys while parked in the W2E area. After normal duty help included Bill Eckler and Willie Macklin. . . . Famous department expressions: Vinnie Digilio, "Watch out for the swinging doors." Dave Hanoka, "Anyone want me?" Art Schwenker, "Who the hell's in my parking spot?"

Lab Scope

by Greg Battersby

Best wishes are extended to Bill Heaney and Frank Pennino, who are leaving the Laboratory, Bill to Avco Industries and Frank to Manufacturing. . . . Congratulations to Joe and Barbara Stemke on their marriage over the holidays. . . . So far this year's ski mishaps are at a minimum. Emil Mastik required only 12 stitches in his chin, Val Klein escaped serious injury by luckily cushioning his fall with his head. . . . Christmas party notes: We were all glad John Munyak overcame sickness to make the party. Standouts included Gene "Twinkletoes" Burgess, Bruce "Fu Man Chu" Munch, Frank "Polish Nationalist" Wernicki, and Ed "Quiet-As-Usual" Deane. . . . Question of the month: "Who's starring in the Great Escape?" . . . Congratulations to the Bill Jacobsens on the birth of a boy, William Jr.

EDP Data Chatta

by Ernie Low

Engineering, Manufacturing, and Spares programming area moved to Plant 41 in Melville. . . . What person opens his mouth at the wrong time? . . . Showing engagement rings were Ginny Lupton and Maureen Carey, secretaries in the programming area. . . . Back to work after a hospital stay: Frank Sposato. . . . Get-well wishes to Dom Deluca, who is still recuperating from an auto accident. . . . Watch out for the basketball stars of EDP—Ron Bartlett, Frank Thumser, and Jim "Gunner" Cruthers. . . . Jim Burke and Richie Augustine have new assignments as Systems programmers. . . . Tony Pagoto has joined the Realtime group from the Material group. . . . Charlie Schlener passed out cigars for his new son—Brian Charles. . . . Condolences from all of us to Mary Van Scotter on the death of her mother and to Lance Hugelmeyer and Matt Mencke on the death of their fathers. . . . Just before the New Year rolled in Bernie Kuntz had a baby daughter, Kathleen.

EXT
THIS CONTAINER WHICH WAS MADE BY 29017
UPHOLSTERY, WAS IN LM-5, WHICH MADE THE FIRST
LUNAR LANDING ON JULY 20, 1969.
IT WAS REMOVED FROM THE LM & RETURNED TO EARTH
BY NEIL ARMSTRONG & BUZZ ALDRIN.
IT WILL BE PLACED ON DISPLAY AT THE
SMITHSONIAN INSTITUTE IN WASHINGTON D.C.

Back home. It's only a stowage bag, but what excitement it caused a few weeks back. And why not—how many stowage bags got a round trip to the moon with the Apollo 11 astronauts? After going through Receiving Inspection in Plant 24 and making a few other stops en route, the stowage bag went home to Upholstery in Plant 29 where it got a proud reception.

Something to look forward to . . .

Back in the 1920s, one of the nation's most successful football coaches was noted for an attack based on "a pass, a punt, and a prayer." Well, in a couple of years, Grumman's Tom Capozzoli may change that somewhat to . . . "a pass, a punt, and a son."

Tom, who is manager of the Production Manpower Department, is already a successful football coach, although he does it on a non-pay, part-time basis at St. Dominic's High School in Oyster Bay.

A former star as a quarterback at NYU in the early '40s, Tom has been handling the Doms a couple of late afternoons a week during the football season. The fact that St. Dominic's plays on Sundays enables him to have a big workout on Saturday, forced by his part-time affiliation with the school and demands of his full-time job at Grumman. But over a 10-year span, he was named Coach of the Year twice in the Interstate Catholic H.S. League. Now, that's a record to be proud of. But today, Tom is more proud of his son, Tony.

Young Tony, who is in the elementary grades at St. Dominic's, recently won the title in the 11-year-old division of the National Punt, Pass and Kick Contest. In the finals, held between the halves of the NFL Playoff Bowl game in Miami, he capped his triumph in competition originally involving approximately 175,000 boys. Young Capozzoli just about wrapped up the crown in his first attempt in the contest with a 51-yard kickoff.

"He kicks better now than most high school stars," Tom grinned, "and I hope that in a couple of years, if I'm still coaching, I'll have him on the team at St. Dominic's. And in winning the Eastern finals in the Cotton Bowl, Tony made the crowd stand up when he threw a 49-yard pass right on the tape, an almost impossible feat." In the contest, a regular tape is stretched straight out from a starting line to measure both distance and accuracy.

Tony, at 11, stands 5-5 and weighs in at 145. "He got too heavy for the midget competition in East Norwich," Tom said, "but he'll be ready for the high school team in a couple of years."

Tony also played in the East Norwich Little League last year, and was the loop's top pitcher, batter, and home run hitter.

He's a real big chip off the ol' block.

Warm response to fund drives aids families, kids

Hearts are warm at Christmas, as Grumman people keep proving year after year. Muriel Leighton reports, for example, that contributions to the Engineering Christmas Fund reached $6464.27, and with this amount the Fund helped 72 families, including 279 children, and nine institutions. The families were all referred to the Engineering committee by Grumman personnel who knew of long illnesses or other hard luck situations that needed help. Rhodes Copithorn was committee chairman.

Leo Senior and his committee for the Product Support Needy Family Drive cheerfully report money contributions totaling $2700. Senior said Grumman field representatives, hearing about the P/S effort, sent contributions from as far away as the West Coast, Japan, and Vietnam. The amount topped last year's P/S drive by $500.

Two young misses from the Navy Office in Plant 35, Jo Grimaldi and Pat Ward, undertook the herculean task of collecting gifts for all the servicemen in St. Albans U.S. Naval Hospital. With the help of the Grumman Ex-Service Men's Club, who contributed 1000 Grumman plane models, and individuals who bought a variety of individual gifts, the girls were able to take Christmas greetings from the Bethpage NAVPLANTREP office and Grumman to every individual in the hospital. With cash gifts they bought 30 baskets of fruit, two stereos, four portable TVs, and six transistor radios for the patients.

in the SLIPSTREAM

Peas in a POD

by Chuck Burdman & Angela Sanchez

This being the initial article about the goings-on in the Power Optics & Display section, let us introduce those who run the show. First, there's John Benz, who heads the section and who loves his boat above all else. His assistant section chief, Tom Hine, is busy trying to get his plane in the air so he can give Bob Sherer, section administrator, a lift to work each day. Bob lives in Rockland County and is affectionately known as the King of Commuters. . . . Bernie Amos, who heads up our Displays group, so busy he barely has time for vacation. . . . Then, there's John Connelly, head of the Optics group, and he is a lieutenant colonel in the Reserves and Inspector General for all units in New York State. . . . Finally there's Easy Ed Miller, who heads the Power group. Like John Benz, Ed loves the sea and his Seafarer 23. Ask him about his boat and he may take a couple hours telling you ol' sea stories. . . . Angela, our section secretary, has a gleam in her eyes once again since her fiancé returned from Europe. . . . Marie Massaro, another one of our lovable secretaries, finally learned what a french curve is. . . . Izzy Rakofsky, our incognito Giant scout, is considering starting a Tucker Fredrickson fan club. . . . Meyer Raybin got his second patent on an electronic ignition system. . . . The score is two girls and one boy for Larry Collura now; latest addition: Christine. . . . Andy Heidecker and Jan Reve are engaged. . . . Ralph, where is Shea's? . . . Our thanks to Joe Caraceni for helping to name this column.

Savannah Syndicate

by Charlie Love & Dot Hudson

This is the time of the year when our Yankee Crackers miss the 'col' no'th." . . . Ed & Gen VanBuskirk traveled to New York and Gen's comment when she returned was, "Glad to be home." See, we grow on you, like the green moss. . . . Howie Tynes and Don Reid were ill. . . . George Richards' wife mending from an automobile "bash-in". . . . December was a month of wedding anniversaries. Dot and Tom Maher, 31 years; John and Jenny Smith, 33 years; Russ and Faith Haltermann, 35 years; Fred and Cora Milligan, 37 years. Grummanites certainly believe in long-term togetherness. . . . Tom Maher has 25 years of service in the Grumman corner, and Harry Colli and Joe Butler, 20. . . . Tom Walsh is back off the sick list. . . . Would you believe a deer leisurely walked out on the runway in front of the plant, looked around, and walked slowly into the woods? . . . Al Vasko had a double-header operation. . . . Vennie Hoffmann and Carl Quackenbush were responsible for our successful Coastal Empire Fair exhibit. . . . Bob Bovee's Scout troop won third place in the state-wide Camporee for Chatham County. . . . Tom Roe and his science projects. . . . A new sport has been added—basketball.

Complexity of 34

by Joyce Perau & Frank Magilligan

Congratulations to Waverley Baker on his move to Staff. To Jim Ward on his move as an engineer, because now he is one. To Kathy Stevens, who is sporting the largest rock ever seen on a tiny engagement finger. . . . Get well, Janet Soper, and try to stay that way. We all miss you. . . . Larry Andersen tells us about a phone call at 7:30 a.m. "Hello, Mr. Andersen, the trucks are on the way." "What trucks?" "The fire engines!" So Larry in his mini robe dashes out into the street. Wow! It was his neighbors's house, not his. Sigh. . . . Let's all have a healthy and happy New Year.

Busy Bees of Honeycomb

by Al Ruggiero & Bea McMaster

Frank Farmlett and Dan Tallon, welcome back. Very nice to see you up and around again. . . . Bill Dunekack and his wife had a nice Christmas present—their first child, a baby girl. . . . Congratulations to Buddy Witzig, Frank Farmlett, S. Lubowiecki, J. Horshinski on attaining 25 years with Grumman. . . . Leo Glowatz and Pancho Garcia both set forth in new cars to make trips this holiday season—Pancho to Florida and Leo to Vermont. . . . Joe Frank is basking in the sunshine of Florida. . . . Joe Matis, formerly of Honeycomb, made Eddie Matis an uncle for the first time. . . . Hope you all had a nice holiday and that the new year will be a bright and prosperous one for everyone. . . . We had one winner in the Christmas Inspection drawing, Bob Surprise. Take good pictures with that camera, Bob.

Product Support

by Kay Danza

A Product Support engineer inadvertently joined the 10-year pin line when he was only entitled to a five-year pin. When he learned his error, he went back to apologize and asked for a five-year pin in exchange for the one he received. Five years down the drain. . . . We will sincerely miss smiley Mariana Ostasieski, who retired. Mariana was feted at a party by her co-workers at Ziggy's. She has lots of plans for traveling, and we all wish her the best of everything. . . . In case you are wondering why Adrienne Jonke is batting her eyelashes all day long, she is really just getting used to her new contact lenses. . . . We have a very reproductive group here. Ginger Koch had a new daughter, and Sam Kreisberger just adopted his second baby, a boy. The Larry Elmen's have their first, a boy, and the John Zoros had a girl. The Leo Frankos had a boy, and the Ernie Nissens adopted their third baby. The Hank Kraaz' had their first, a boy. . . . A merry ole time was had at the PSD Christmas dinner/dance at the Garden City Hotel. . . . Schoney Schonenberg buit his own little "action center" in his office for Christmas and it was quite a sight to behold.

Repair Control Comments

by Vincent Scheer

Vicky Hutson and her husband spent their vacation in the Bahamas and had a great time. . . . The Peconic R C C group had their Christmas dinner at Henry's and everyone had a good time. . . . Denis Judd and his wife spent their Christmas vacation in Cleveland, and Fran Kowalski and her husband went to a wedding in Maryland. . . . Don Aleksejus and his brother got in some skiing in the Catskills. He said everything was perfect: snow, weather, and trip. . . . We all extend our sincere sympathy to Al Holm and his family on the loss of his father Christmas night.

Industrial Engineering

by Jane Shaver

The I.E. Christmas party was its usual success, and here's hoping everyone enjoyed a happy New Year. . . . We roll the welcome mat out for Vinnie Bohn and Jack Bender. . . . Get-well wishes to Herman Wagner, who has been in the hospital. . . . How is Ken Behrens after the holidays? . . . To all who may have been wondering about the "congratulations" sign on my board for the birth of triplets: it was my goat, not me. . . . Steve Petrovits and his wife announced the birth of their son. . . . Besides our wishes to Dave Muntner, Paul Rousseau, and Aaron Ehrens (our boy wonder) for a good time in Italy, we only ask them to leave the flu in Italy when they return. And to our other lucky I.E. colleagues, Chris Maragakes and Rick Wolf in Venezuela, Harry Lampe in Florida, and Charlie Schroth in California, we have only one word—brrr. . . . If anyone has an old desk lying around, please send it over to Bob Gurrieri. . . . Best wishes to all for 1970.

Lem Me Tell You

by Carlo Ruggiero & Tony Nigro

Good to see Bill Schnopp back again after an operation. . . . Lots of luck to Buddy Nalbone on his new house (there goes all your free time). . . . Sal Ferlise (the football hero) back to normal after getting rid of the cast on his right arm. . . . Diane Youngs was a very pleasant change, pinch hitting for Tony Nigro. . . . Sorry to hear about the fire that burned out Mike Ryan's apartment. . . . Bob Sclafani's lasagna at the Christmas meal made a big hit as usual. We hear he's got one change set for next year: to use Harry Fitzgerald's spread for the cocktail hour. . . . Everyone had a good time at our annual Christmas party. We sure hope our bachelor's table didn't start a new trend for future parties. Jimmy Morano looked exceptionally young since he escorted a lovely little blonde (his daughter) to the party. Bob Kasten made quite a hit, and he had a big head to prove it. A good time was had by those who went on our bus trip to Radio City Music Hall. Our annual children's Christmas party in Locust Valley was also a great success with Howie Richhold doing another great job as Santa Claus.

Kanopy Kapers

by Bill Walker

R. Duffy went hunting and caught himself a 200-pound doe. . . . The following men retired from Grumman last month: A. Stewart, F. Clarke, J. Krawczyk, F. Bodmer, and F. Delaney. . . . Sincere condolences are extended to the family of Stanley Nerkowitz, who died Christmas day. . . . Sincere condolences are extended to W. Luke on the death of his father.

OBITUARIES

Plane News has received word that death has come to the Grumman personnel listed below. We extend sincere sympathy to relatives and friends.

JOHN F. GEARITY of Prototype, Plant 6, died December 21. He was 53 years old and had been with Grumman 18 years. He lived at 20 Avery Ave., Patchogue.

STANLEY NERKOWITZ of Glass Canopy, Plant 27, died December 25 at the age of 57. He had completed 24 years with the Company. His home was at 11 Madison Ave., Hempstead.

RONALD S. JAMIESON died December 27 at 44 years of age. He had worked in Sub-Assembly, Plant 1, and had been with Grumman six years. He lived at 35 Ridgeway Blvd., Bay Shore.

CECIL S. KING died December 24 at the age of 45. He had worked in Manufacturing Shops, Plant 83, KSC, and lived at 512 E. Madison Ave., Cape Canaveral, Fla. He had been with Grumman three years.

CHRISTOPHER PRINCE of Production Control - Configuration/Traceability, Plant 38, died at the age of 58 after nine years' service to the Company. His home was at 47 Brandon Ave., Amityville. Exact date of death undetermined.

HAROLD R. NELSON of Standards, Plant 35, died January 2 at the age of 56. He had been with Grumman 11 years, and he lived at 57 Hollis Rd., Hicksville.

GEORGE A. SINGER died January 4 at the age of 26. He had been with the Company three years and was employed in the Machine Shop, Plant 3. His home was at 1492 Bellmore Rd., North Bellmore.

CARMINE G. ARPAIA of Advance Programs - Support Manufacturing Plans, Plant 15, died January 4. He was 52 years old and had been with Grumman since April. He lived at 114 Aaron Dr., East Meadow.

CHARLES S. COTTAM of Facilities Maintenance, Plant 2, died January 4 at the age of 60. He had been with Grumman since 1962, and his home was at 355 Sylvan Lane, Westbury.

Special awards

This is a year of awards under the Employee Suggestion System, with a new Project Sterling award plan being offered that features certificates with a value of $3 each, for the purchase of Flight Shop merchandise. Earn enough of these certificates and you can "buy" LM models, tie bars, tie tacks, women's LM pins, framed LM photos; F-14 and A-6 tie tacks and tie bars; flight and tote bags; and other items displayed at Employee Services Offices.

"Under this new plan," says Charlie Solarski, head of the Employee Suggestion Office, "every approved suggestion submitted after January 5, 1970, will be awarded at least one $3 award certificate. However, awards can range from one through 12 certificates, on up through one to 100 fifty-dollar U.S. Savings Bonds—commensurate, of course, with the benefits derived from the suggestion."

The suggester will receive, in addition to the certificates and bonds, Project Sterling pins for approved suggestions as follows:

First approved suggestion: plain Project Sterling pin

Third approved suggestion: sapphire jeweled pin

Sixth approved suggestion: ruby jeweled pin

Tenth approved suggestion: emerald jeweled pin

Suggestions beyond the tenth will be recognized with bonds and/or certificates only. During 1970, a person nominated by his supervisor (via form G1039) for a Project Sterling "job-well-done" award will get a pen & pencil set.

Suggesters are urged to read and understand Rules 3 and 6. Rule 3 states the kinds of ideas that are **not** eligible as employee suggestions. Rule 6 requires that a formal suggestion must be submitted within 90 days after the idea is implemented.

See a better way of doing things? Time to get busy? Call the Corporate Suggestion Office, on its new extension, 87311.

Many veterans of Grumman end years of Company service

Leaving hundreds of golden years of Grumman service behind them, and launching into a new year and a new experience in retirement living, these Grumman people retired in December. Their friends and fellow workers wish them many years of happiness and health wherever they go.

Lawrence Abbandandolo, Alodine, Plant 3; James Adams, Static Test, Plant 5; Walter A. Ahlstedt, Fuselage Minor Assembly, Plant 2; John P. Antes, Government Material Control, Plant 6.

Guiseppe D. Battaglia, Press, Plant 2; Maurice Begelman, Facilities Maintenance, Plant 12; Benjamin S. Binkowski, B/P & Offsite Whs., Plant 17; Harry E. Bloxsom, Spotweld, Plant 2; Frank Bodmer, Glass Canopy, Plant 27; Emile P. Brosseau, Government Material Control, Plant 6.

Alvar F. Carlson, Surfaces & Assembly, Plant 5; Malachi Chandler, Food Services, Plant 2; Raulo Ciancarelli, Nacelles, and Frank R. Clarke, Glass Canopy, both Plant 27; Mahlon C. Clough, Manufacturing Inspection, Plant 2; Harry Colli, Facilities Maintenance, Plant 5; William L. Conklin, Parts Paint, Plant 1; William A. Coyle, Cadmium Plate, Plant 2.

Chester A. Davis, Engraving, Plant 3; Joseph P. Della Corte, P/S Program Management, Plant 1; Francis Devany, Sub-Assembly, Plant 27; James M. Doig, Production Control - Records & Release, Plant 5; John M. Dowd, Timekeeping, Plant 2.

Carl H. Ellenberg, Mechanisms, Plant 25.

Leonard Fehr, Plant Stores & Distribution, Plant 2; Louis Fendt, Center Section Sub, Plant 27; Salvatore C. Ferragamo, Spotweld, Plant 3; Undine Filmanski, Food Services, Plant 6; Harold W. Foster, Controls, Plant 29; Charles Freireich, General Accounting, Plant 30; Ray Fridinger, Machine Shop, Plant 56; Philip J. Fry, Controls, Plant 29.

Alfred T. Gaus, Spotweld, Plant 3; Arthur H. Geiger, P/S Site Supply, Plant 22; William R. Gerdo, Sub-Assembly, Plant 1; Vincenzo Giordano, Fuselage Assembly, and Michael Girvan, Parts Paint, both Plant 3.

Alfred J. Harrison, Facilities Maintenance, Plant 33; Francis N. Heafy, Press, Plant 3.

We will complete this listing of retirees in future issues of Plane News.

Destination Balkans. Getting dismantled for crating and shipment from Kennedy Airport, New York, are Grumman Super Ag-Cats bound for Yugoslavia and the rugged work of crop dusting and aerial applications. Six this time and five in '68 give the Aerial Work Division of Yugoslavia Airlines (JAT) best ag-fleet in the Balkans. The Cats were built in Elmira, N. Y., and sold by International Ag-Cat Distributors, Inc., Worms, West Germany.

Insurance reminder to Grumman parents

All parents whose unmarried children will reach 19 years of age before Jan. 31, 1970 and are now insured under the Grumman Group Insurance Plan, are reminded that group coverage on these children ceases Feb. 1, 1970. These children, however, may apply for individual hospital and surgical coverage, similar to that under the group plan, directly with The Travelers Insurance Co.

If you are interested you should complete the form at right and forward it to the Group Insurance Dept., Plant 28.

When the form is received by the Insurance Dept., Travelers insurance application and details concerning coverage and rates will be forwarded to the applicant. The completed insurance application and first premium payment must be received by The Travelers Insurance Co. within 31 days following Feb. 1, 1970. The effective date of the insurance policy will be Feb. 1, 1970.

Insurance form

Name ..... Perm. No. .....

Plant/Dept. ..... Date of birth .....

Dependent child .....

Return to Grumman Insurance Office, Plant 28

Masters plan putting new look in Grumman bowling loop style

Two for the price of one is nearly always a bargain (depending, of course, on what two), so maybe that's why the Masters League is finally raking in a high rate of bowling interest. The Master's double offering is that it neatly combines both team and individual competition. Lineups are very often juggled to set up the most advantageous pairings, as standings are maintained both on a team and individual basis.

The Masters takes over Monday nights at Woodbury Lanes, with 10 three-man teams in the current lineup. It attracted some of Grumman's best bowlers when organized last season, and enthusiasm for the unique idea is spreading rapidly. The Masters' masters expect the response to be far greater by the time another season rolls around.

According to Jerry White, secretary of the Masters, the league was organized to provide head-to-head action for the top bowlers in the Company. "Of the 30 bowlers in the league," White said, "21 have entered the varsity tryouts and at least 25 were eligible with averages over 175. At present, seven men are vying for high average. John Alston leads the way with 191, with Ed Hilbert at 190 and Cliff Hartnack at 189." Hartnack, incidentally, is the individual match leader with a winning percentage of .652. White stands at .639 and Mike Internicola has .610.

"High average really means nothing in this league, however," White continued. "Three weeks ago Mike Izzi had a 170 average, and he since has won nine of his last 14 matches and had four-game series of 785, 808 and 792. This brought his average up to 175, and stretched the Cliffhangers lead to 17½ points.

"No one looks for any easy marks, even when they play the bottom teams," White continued. "Every squad is explosive. Ken Gutekunst's Kids were in ninth place five weeks ago. Ken then won 16 of his 20 matches, with two series over 800.

"You can anticipate that more and more 180 bowlers will be swinging over to give this a try next season."

Alston holds the 4-game series record of 865 and Ernie Jenkins has the high game of 268. Hartnack, however, came close to the series tally last week with 862 and a top game of 245. Ike Washington also soared into the top bracket with 828 after a 236 game boost. In the last December round, they rang out the old year with six series in the 800 circle, led by Mike Izzi's 808 on games of 220 and 232. Dick Suttmier had 805, and in earlier rounds George Ulrich rapped 846 on 234 and 248 and Jack Nielsen climbed on an 839; Stan Zolek had previously come up with a booming 853, as Jenkins had top game of 248.

Maggio only whisker away from Black record

Leon Maggio bowled a game almost as big as his beard in the Black loop, spanking a 253, only four sticks shy of Steve Haras' record. Series honors went to Ted Dija at 582 and Cosmo Sisco wasn't far behind with 579 and a 236 line. Frank Oczko was the big gun in an earlier skirmish with 612, as Ted Dija had top game of 247. . . . The Cotton Pickers are down near the cellar in the Classified circuit, but the spotlight hit them last week when Bill Pellegrino rattled the sticks for 222 and 605 to sweep individual honors. H. Koehler was a pin shy in the game bracket at 221, while Bob Dudonis shot 591. . . . In Aerospace action, the name of Dudonis was also prominent, with John shooting 558 to share series honors with Bill Swinson; Harry Trueman had high game of 222 and Tom O'Connor's 213 and 216 carried him to a 555 string. . . . Stan Miron skidded off with game and series bouquets in the F-111 league, firing 215 and 582, while Dave Evans totalled 550. . . . Ellie Gunther's 242 and Tom Wright's 634 carried honors over the holiday period in Trader play at Oscar's. Top scores for two earlier rounds were Jack Burkert's 224 and Frank Nelson's 599. Sam Santangelo rolled 621 the same night that J. Salerno and Frank Gilmore tied for high game at 225. . . . John Betterino continued to dominate the men's field in the Syosset Mixed loop by taking series honors for three weeks in a row—not an unusual habit for him. He rolled successive strings of 631, 593, and 578 to turn the trick. In one round Betterino had the high game of 242, then shared honors with Ed McGovern at 223, but then finally had his streak broken when his 214 was topped by Clem Anton's 222. Rita Mathia emerged from the holidays with the top Syosset women's tallies of 220 and 554. In two later rounds Monica Wojtyniak was outstanding, swinging the jackpot in one set-to with 200 and 205, and then having high game of 194 when Nada Wittemann clipped off the top string of 499.

Gaynor gains the salute so well deserved

Somewhere along the line, a splendid 600 series by Maggie Gaynor in the Patchogue Mixed was overlooked. Maggie's effort not only stands as a Patchogue loop mark, but also is the top women's string attached to Grumman bowling this season. Maggie was shining again recently with a 589 on games of 202 and 216 on the same night that Dick Nelson grabbed the spotlight with 234-240 and 632, which went into the record books as the league's best of the season. In an earlier round Dave Stone flipped the record pages with a 255 that carried him to a 578 total. Val Lindstrom led the ladies with 523, while Irene Nelson had high game of 202. Last week Joan Burgess took over the women's star-spot with 211 and 584, while Gene Burgess had the high men's tally of 552 but placed second to Dave Gaynor in the game bracket. Gaynor's 210 was high.

Martha Juppe joined the hit parade in the Woodbury Mixed, rising up with a league record string of 546, topping Georgina Nurnberger's mark by 21 sticks. Nancy Roethgen had high women's game in that round of 174, while Tom Mathison swept men's laurels with 174 and 546. Later, Cliff Danielson was high with 548 and Bruce Hopkins' 213 led the women, along with Kay Wollstadt's 503.

Rollouts reign. Winning first place in the bocce competition at Calverton's Plant 6 were the Rollouts, including (L to R) Bill Schieren, Bernie Higgins, Tony Siano, and Rudy Werns. Here they are being presented awards by General Production Supervisor Vin Valetutti. John Higgins was also a member of the Rollouts.

Berke netting basketball honors; sinks 67 in Transportation romp

Transportation and the Spoilers have uncovered a real basketball gem in Brian Berke, who, in a comparatively few games, has become the talk of the Grumman league at Bethpage. Berke sees double duty in the loop, playing with Transportation in the Tuesday division and with the Spoilers in the Wednesday night circuit.

Berke, who is an industrial engineer in Plant 5 and has been with Grumman less than a year, has lit a fire in the league with his scoring. His appearance with Transportation last week produced a 110-42 victory over Research in what is believed to be an all-time individual Grumman scoring record.

A southpaw, Berke stands only slightly over 6 feet, but he was tall on the boards against Research, shredding the nets for 67 points. He bounced in 29 field goals and nine fouls, scoring 33 points in the first half, and then called it a night with four minutes still remaining in the game.

He joined Grumman straight from Johns Hopkins where he captained the cage team for two years and was All-Maryland and All-League in the Middle Atlantic Conference college division. Previously, he had captained the Wingate H.S. team in Brooklyn for two years and was an All-League and All-City selection.

The Spoilers, playing without Berke, notched their third straight victory in the Wednesday loop by rapping the Cold Flow quintet, 114-68. Jim Caruthers set the pace with 28, Bill Diercks and Lee Gendron both had 20 points and Ron Bartlett 19. Pat Granaham led Cold Flow with 25.

The Instrumets stayed on top in Wednesday play, taking a forfeit win over the Intrepeds and then beating Cold Flow, 74-53, with Lionel Bell scoring 18 and Bob Hambrecht 13. Honors went to Granaham with 21 points.

The Collegians and Newcomers, both undefeated, are waging a sizzling duel for first place in the Wednesday action.

Frank Quarto paced the Newcomers to their fourth win with 27 tallies and Bob Mischo had 22 and Ed Krol 19 as they romped over the Hustlers, 94-71. Lee Gendron's rebounding helped the Newcomers, who sewed it up with 32 points in the third quarter.

John Ebron's 25-point spree pushed the Collegians to a 111-56 win over Research. McCaffrey and Brook led Research with 13 each. Bob Thomas gave Ebron an assist for the Collegians with 17.

The Collegians then pulled even with the Newcomers by racking up an 80-51 win over the Digits for their fourth straight. Stu French and Bob Hieter led the Collegians as Ebron excelled under the boards. High scorer was the Digits' Chico Rivera with 18.

Equalizers put heat on Savannah rivals

Down at Plant 55 in Savannah, Ga., they don't finish up the softball competition until the end of the year because they schedule a late start to escape the summer heat. But this didn't cool off Roger Shank's Equalizers to any extent, as they were as hot as the proverbial biscuits in sweeping through seven straight playoff games to win the championship.

The Equalizers rapped Hodges' Subs, 4-0 and 10-6, in the semifinals of the Red League, then beat Parham's Majors for the loop crown, 9-8, and 16-12.

In the inter-league playoff, the Equalizers defeated Spampinato's Unknowns. Blue league kings, by 17-3, 21-9, and 19-10. The Unknowns had won the Blue title with 9-7 and 17-9 triumphs over Andrew's Sparks.

Alston averages 215 in varsity bowling opener

The men's varsity bowling squad appears to be in for a drastic revision this year as the field of over 80 heads toward the first cut in the tryouts tomorrow night (Saturday, January 17) at the Mid Isle Lanes, Hempstead.

Four members of the 10-man squad from 1969 are missing from this year's trials, and of the remaining six, only two are in contention after the opening six-game round.

With George Ulrich, who led the trials in '69, kept out of the action last week due to illness, the spotlight quickly focused on the veteran John Alston of Plant 36, Garden City. He consistently has been a member of the varsity during his career at Grumman.

Alston recovered from a shaky start of 163, then burned up the lanes. He came back from the disappointing opening game with a booming 267, and then rattled off scores of 203, 224, 217 and 216. He finished the six lines with 1290, averaging 215 and breaking away 47 pins in front of James Schwab of Plant 35. Over the final five games Alston averaged 225.

Schwab zoomed to 1243 with the help of a 258 in the finishing game as he went nine sticks in front of Vin Crevoiserat of Plant 41. Crevoiserat, second in last year's tryouts and a starter in the Industrial tourney, picked up plenty of wood in the final two games as he fired 234 and 231 for a 1234 total.

Three other members of last year's squad appear out of the running. Bruce Hopke came out of its openers in 58th place, Grover Hart ranks 63rd, and Joe Wilson 65th, as the field is scheduled to be reduced to 32 after tomorrow night's six games.

Alston, incidentally, shared high game honors with Bud Gilreath, who shot 267 in his fifth game and finished ninth in the standings after the first round. Dick Suttmeier, in fourth place with 1190, rolled a 247, and Hank Lobato banged out a 248 while gaining 24th place. Ed Hilbert rolled 243 to start off a 1121 string, good enough to tie for 18th.

The men's trials at Mid Isle stretch through February 7, with action in the first four rounds over the 6-game route, and the tourney winding up with the final three games that will decide the starting team for the L.I. Industrial Tourney. The final cut in the field will be made January 31 when the field will be reduced to 10 bowlers.

The annual L.I. Men's Industrial Bowling Tourney, sponsored by Grumman, will be held this year at the Mid Isle Lanes on Peninsula Blvd., Hempstead, with play starting on Saturday, March 7.

The top 32 after the first round:

John Alston	1290	Bruce Karen	1125
James Schwab	1243	Hank Miller	1121
Vin Crevoiserat	1234	Edward Hilbert	1121
Rich Suttmeier	1190	Mike Internicola	1115
Ken Gutekunst	1188	George Fowler	1114
Sid Weihs	1173	Ernest Wanke	1113
Bud Earhart	1160	Joe Sardi	1110
Bill Gallagher	1157	Hank Lobato	1108
Bud Gilreath	1153	Charles Gosline	1105
Nick Malandro	1153	Leonard Trifaro	1102
John Betterino	1150	Lou Brida, Jr.	1099
Ben Plawski	1147	Walter Alles	1097
Jack Nielsen	1145	Robert Valente	1092
Tom Cava	1144	Martin Popp	1091
Mike Greggo	1136	James Boyd	1091
Don Vazquez	1127	John DiSalvo	1090

Bethpage

Table Tennis Tourney Entry Application

Singles

Name .....

Plant ..... Dept. ..... Perm. No. .....

Days ..... Nights ..... Phone Ext. .....

Doubles

Partner's Name .....

Plant ..... Dept. ..... Perm. No. .....

Days ..... Nights ..... Phone Ext. .....

Forward to GAA Office, Plant 28B, Bethpage

ENTRY DEADLINE JANUARY 23, 1970

Hurry . . . if this is your racquet!

Grumman's 26th annual table tennis tourney for plants in the Bethpage area will snare a share of the sports spotlight when play gets underway on Monday, February 2, under the aegis of the Athletic Association. Tournaments will also be planned for outlying plants such as Calverton, Wyandanch, Syosset, and Garden City.

Entry deadline for both singles and doubles has been set for Friday, January 23, by Tournament Director Herb Mahoney of the GAA. An entry registration form offered on this page should be submitted to the GAA in their new headquarters, Plant 28B.

Winners and runners-up from plants in the Bethpage area will advance to the finals. Plant champions will compete for the Class A titles in the inter-plant event, and runners-up will join in the B division playoffs.

Doubles will precede the singles in all plant events. The double-elimination system will be used for the tournament, with the matches consisting of two-out-of-three games in the plant preliminaries, and three-out-of-five in the inter-plant finals

Bethpage champions last year were John Squicciarino and Ray Repperger in the doubles, and Ted Wakulinski in the singles.

Womble fires Gophers' rifle loop streak

Hank Womble, an engineer making his 6th annual appearance on the range for Grumman, paced the Gophers rifle team to three more victories and lifted their undefeated mark to nine straight matches.

Two of the Gophers recent victories were in the L. I. Industrial League, where they stand in front at 5-0. Womble posted 194 out of a possible 200 as Grumman defeated IBM, 765-749, and he duplicated this firing in a 763-745 decision over Pan American.

Against IBM, George Hilton and Ed Brandis both shot 190 for Grumman, and Al Burns hit 191. Veteran Dick Imgram's 193 helped in the win over Pan Am, with Bob Lang notching 189 and Burns 187.

Womble's 193 led Grumman over the Plaza Club, 952-925, in the South Shore circuit. Lang hit 192, Burns 191, George Hilton 189 and George Landauer 187 for the Gophers.

Women's pin tourney attracts field of 24

A small field of only 24 will start the 18-game competition on Saturday night, January 24, to determine the women's varsity pin team. Bowling will be at the Mid Isle Lanes on Peninsula Blvd., Hempstead, where the men's tournament has already started.

Noticeable by her absence will be Bella Miglio, who led the field in last year's trials, but many high-average bowlers will be in action, including veteran Chin Thompson, Lynn Sowers, Bertha Siegl, Norma Fry, Dot Jacobsen, and Meg Sheridan. Sandra Ritz, a newcomer who entered with a 175 average, will also be closely watched.

The women will roll four games during each of the first three rounds, when the field will be cut to 10. Following three-game rounds on February 14 and 21, the five varsity starters will be decided on the basis of total pinfall for the 18 games.

Snow bound

It will be off to the mountains again for Grumman skiers on the weekend of February 13-15, when the Grumman Athletic Association has scheduled its second trip of the season. This time the skiers will travel to the Catskills and stay at the Flagler Resort Hotel at South Fallsburgh, N. Y., where skiing is only 10 minutes away on Big Vanilla at Davos.

Reservations are now being accepted by GAA in Plant 28B, and complete details may be secured from Fran Zuk on Ext. 2133 or 2269. A reservation, however, is recognized only when accompanied by payment, which will be $48.75 a person for two in a room, or $44.75 each for three or four in a room. Ski equipment may be rented for an additional $5 each.

The Flagler offers an Olympic-size swimming pool, steam rooms, sun lamps, sledding, and outdoor skating in addition to the skiing. The package trip includes bus transportation to and from Plant 28, a snack on arrival and two meals a day, plus other entertainment attractions. The group is limited to 80.

Lakers sparkle in 55 cage play

Jerry Long's Lakers have moved into an early lead in the inter-department basketball league at Plant 55, Savannah, snaring a one-game edge on the strength of four straight victories.

The Lakers won their latest starts easily to say in front of the Bullets and Knicks. They defeated Jerry Bacon's Celtics, 82-26, with Long scoring 34 points and Frank Stark aiding with 18. Then they walloped Joe Williams' Royals, 60-42, as Long again starred with 26 and Gene Warren netted 18. Joe Williams was high for the Royals with 24 tallies.

Tommy Lane's Knicks gave the Lakers an assist by handing Bob Baker's Bullets their first setback, 51-43, as Andy Floyd (14) and Fred Allgower (11) set the pace. Bob Baker was high for the Bullets with 20 points. The Knicks also tripped Roger Shank's Hawks, 63-48, for their third win in four starts. Leon Shirrah had 16 and Dick Berry 15 for the Knicks, while the Hawks' Jerry Malpus was leading scorer with 19. John Briggs caged a dozen for the Hawks.

The Bullets recovered from their loss to the Knicks and routed the Celtics, 101-45, with the attack pivoted around Charlie Williams' 34 tallies. Bobby Baker's 18 helped the winners, while Joe Komnick paced the Celtics with 19.

In the remaining game of the round, Joe Williams paced the Royals to a 45-38 win over Shank's Hawks with 13 points, as scoring honors went to the losers' John Briggs with 16.

Wanted

WHEELS: Rally II for Pontiac Firebird, will purch. or arrange swap of stand. rims & full whl. covers. LY 3-3371.

MANUALS: '66 Ford serv. shop & '59 Rambler serv. shop. Robert Godas, Ext. 84862.

RADIO CONVERTER: For FM 12 v system. Stan Eisman, Ext. 1551.

MANUAL: Tech. repair for '62 Olds F-85. 475-3370.

DINGHY: 6 ft. fbgls. Doug. Charlton, Ext. 57-231.

ROOMMATE: Female, share mobile home nr. Riverhead. Janet Eisenhower, 785-1834.

TRAILER: Util., suit. for use w/VW sed. Earl Carman, Ext. 2127.

ENCYCLOPEDIA: Used set Britannica, American, Collier, or Compton. Tony DeNardo, Ext. 57-562.

ICE CUBE MAKER: 50 to 60 lbs.; also used filing cab. Robert Beck, Ext. 2691.

SHOP MANUAL: '66 Pontiac-Tempest, '59 Olds. Ed DePinter, Ext. 57-247.

APARTMENT: Min. 3 lg. rms., vic. Bethpage plants. 212-DI 2-4089.

SERVICE MANUAL: '65 Comet. Ken Dittrich, Ext. 7595.

SKI LODGE: Participants, full season accom., Dec.-May, guest priv., Sugarbush, Killington area. SU 5-3495 evgs.

ROOMMATE: Male, Glen Cove apt., $85/mo., incl. util., firepl., prk. space. 671-9343.

CAR POOL: Elmhurst-Jackson Hgts., to Pls. 25, 5, 14 & 15, 8:12 to 4:42. Pete Caloger, Ext. 1641

VOLKSWAGEN: Bug, run. cond., about $50. FO 8-6734.

APARTMENT: Vic. Hicksville, Syosset or Jericho & E. Hills, immed. occup. 212-VI 3-4966.

SAILING DINGHY: Good to ex. cond., 10 - 12 ft., light enough to be carried on car. B. Hausser, Ext. 9492.

ROOMMATE: Share furn. apart. in Westbury w/2 Jersey commuters, kit., liv. rm., & TV, $20/wk. Ed Fischer, Ext. 3351.

EQUIPMENT: Boy Scout. 212 - 341-0138.

PIANO: Baby grand, good cond. 868-9039 after 5.

APARTMENT: 1 bdrm., w/kit. & liv. rm., for 2. Occup. 1/1/70. Suffolk. Lorraine Horvath, Ext. 7013.

DINGHY: 7½ to 8 ft. fbgls. sailing, w/ oars. Anthony Guercia, Ext. 84684.

HOUSE: N. Fork, Southhold Township pref., for couple plannning retire., reas., low taxes. 941-9387.

MANUAL: For '68 Saab V-4 deluxe sedan. Fred Sender, Ext. 7766.

ROOMMATE: 2 25 yr. old engrs. seek a 3rd person share 6½ rm., 3 bedrm., mod. elevator bldg., Rego Park, $83.50/mo. 212-TW 6-5999 after 6.

RADIAL ARM SAW: And wood lathe. 265-5287.

DINETTE SET: With 4 chrs., $25-30. 286-3552, after 6.

SONAR G: Citizen Band. WE 1-3057.

MANUALS: Auto shop for '64 Dodge Polara & '65 Plym. Fury III. Bob Schwarz, Ext. 1581.

WHEELS: For Corvair (2). Plymouth/Dodge whls. avail. trade or sale. Ralph Hilbert, Ext. 57-217.

Found

TOPCOAT: At 25-year luncheon, Hunt. Town House, taken by mistake, "Jim" invitation in pocket, you have mine. Jack Hans, Ext. 2437 or JU 6-4643.

Free

OIL TANK: 275 gal.; also dbl. porce. cast iron sink, 21x32 in., you pick up. 427-6534.

DRYER: Kenmore, elec., needs minor repair. MO 9-1882.

BOXER: Fem., on breeder's terms, AKC, fawn, flashy markings. OV 1-7381.

Car Pool

ROCKAWAY PKWY.: Exit off South. St. to Pl. 24, 3, 17, 21, 7:18 or 7:30 shift. 212 - CL 1-2013.

BROOKLYN: Rkway Pkwy, exit of Belt Pkwy. to Pl. 2, 5, 25, 8 to 4:30. Larry Cutler, Ext. 87167.

CORAM: Vic. Rtes. 112 & 25, nr. Grant's shop. plaza, to Pl. 22. Leroy Rosenblum, Ext. 2948.

MANHATTAN: And Bronx, to Pl. 5 & 25. W. Roder, Ext. 2704.

KINGS PARK: To Pl. 30 or 35, 8-4:30. Ray McGrath, Ext. 7717.

WILLISTON PARK: To Plant 41. J. Kmiecik, Ext. 87231.

Adoption

COCKER SPANIEL: Need good home for 5-yr., spayed, needs fenced yard. HA 1-5795 evgs.

Swap

BOAT: 17 ft. fbgls. tri-hull, '68, 60 hp Evinrude, full canv. & trailer, for equal value travel trailer. Ed Diamond, Ext. 1672.

Ride Wanted

CENTEREACH: Vic. Middle Cntry. Rd., to Pl. 5, 8 - 4:30. Joann Belfiore, Ext. 3692.

COMMACK: To Pl. 38, 8 - 4:30, $15 weekly. Anne Parker, Ext. 2962.

HICKSVILLE RD.: And Stewart Ave., to Pl. 30. Beverly Mott, Ext. 3255.

WHITESTONE: Betw. Francis Lewis Blvd. & Willets Pt. Blvd., to Pl. 2, start 7:48. Jim Barreca, Ext. 84716.

BAYPORT: To Pl. 2, 7:30-4, or will rotate. Ed Offner, Ext. 2515.

For Sale

BEER COOLER: Taps for 4 bbls. & water tap, st. st. top, $25. A. Adessio, Ext. 1334.

SHAVER: Norelco Speedshaver, 30 rot. blades & float. heads, $15. J. Streib, Ext. 9861.

BOAT: 17 ft. fbgls. runabout, Scott, '68 Chrysler, 105 hp outbd., Navy tp., moor. cover, '64 Little Dude trlr., 24 gal. tank, mech. steer., Sal Seminaro, Ext. 87310.

CAMPER: '68 Roadking, 8½ ft., head, stove, 12,000 BTU htr., slps. 6, water, etc., $1,500. TU 4-5612.

MISC.: Danish, 2-pc. sect. couch & club chr., 2 lrg. driftwd. lamps. MY 1-2906.

MISC.: Girl's bike, 20 in., $10.; girl's skates, sz. 5 (J. Halpern), $10. 681-5193.

HO TRAINS: 4x8, layout w/bldgs., eng., cars & dual pwr. pack, $50. F. Downs, Ext. 57-284.

CORVETTE: '67, blue conv., air cond., 2 tps., full pwr., $3,500. B. Preisler, Ext. 7641.

CADILLAC: '64, 4-dr. sed., silv. blue, full pwr., posi rear, air cond., $1,200. 543-2428.

VW: '67 sta. wag. (bus), red/wh., 24,000 mi., radio, $1,450. AN 5-5899.

at your SERVICE

This is a free service to Grumman personnel for non-commercial advertisements, accepted on a first-come, first-served basis. Classified advertisements are carried in PLANE NEWS only on the basis that everyone replying to such advertising will receive fair and equal consideration regardless of their race, creed, color, or national origin.
Type or print ad on form available at Employee Services and Engineering counters, and send via interplant mail to PLANE NEWS, Plant 28A, Bethpage. List home phone (with area code if outside Nassau or Suffolk). Limit: one ad per person per issue. No item under $10, no firearms or ammunition.

For Rent

ROOM: Bethpage, furn., pvt. ent., linens sup., reas. 938-8638 after 5.

HOME: Older woman share W. Babylon home with woman, kit. priv., nr. stores. 751-9397.

MOBILE HOME: Furn., no pets. Jernick, Ext. 683.

HOUSE: Titusville, Fla., mod. air cond. 4-bedrm. ranch, sauna, built-in appl., w-w, blinds, drapes, curts., floodlt., sprinklers, well, scr. porch, $250/mo. 928-2475.

ROOM: Furn., nr. transp., shop., male pref. 931-0759.

APARTMENT: Glen Cove, 30 min. from GAC, lrg. rm. & bath, gentleman pref., $80./mo. 671-4083.

ROOM: Furn., attach. bath, linens, gentleman pref. WE 5-3588.

ROOM: Lindenhurst, furn., kit. priv., $22/wk. 893-2820.

SUMMER HOME: Southampton, summer season, o'look. Peconic Bay, 3 bedrm., 2 bath, boat basin, patio, swim., fish. John Arichiello, Ext. 9161.

APARTMENT: Hampton Bays, 3 rm., priv. ent. & bath, all util. & cablevision, furn. or unfurn., $125/mo. 728-2857.

ROOM: Lge., furn., Huntington, gentleman only. L. J. Cousin, Ext. 7089.

ROOM: Furn., 2½ rm., hot plate, pvt. ent., Levittown. 796-8696, after 6.

ROOM: W. Farmingdale, Semi-pvt. bath, gentleman only. CH 9-2873.

ROOM: Furn., nr. plants, pvt. ent., male only. WE 1-0295.

HOUSE: Farmingdale, cple. only, $200/mon., + util., nr. Main St., rental beg. July 1. J. Drndak, Ext. 1257.

For Sale

DINE SET: 10 pc. Duncan Phyfe style, cherry mahog., $250. Walter Hansen, Ext. 9313.

TREES: Balsam, Douglas fir, 10 yrs., 6 ft., pick up, $10. SH 4-3451.

MEAT SLICER: Ask. $20. Al Koren, Ext. 1356.

SAAB: '68, V-4 deluxe, wh., low mi., must sell. HR 2-1437.

TV: 19 inch port. & stand, $75; also 5000 BTU air cond., $95. Joe Gathmann, Ext. 7735.

OSCILLOSCOPE: Eico, 425, AC voltmeter, H.P.; 4-band transmitter; trade oscillo for RCA TV sweep freq. gen. S. Ruga, 727-7831.

VW: '64 Bug, sun roof, R&H; new bks., reg., master cyl., tune-up, $500. FR 9-8010 evgs.

MISC.: '61 Falcon sta. wag., $175. '65, Yahama, 100cc TW:N; '65 Honda 50cc; '65 Duchti, 160cc, HA 7-8721.

HOUSE: Port Jeff. Sta. area, splt. lvl., 3 bdrm., pan. play & fam. rm., 16x32 pool, cycl. fence, 2 drvwys., patio, 100x100 yard, $24,000. HR 3-0867.

PUPPIES: German shep., Rin Tin Tin line. 735-1866, after 3.

VIOLIN: Wilkanowski, advanced student type, ask. $150. 294-0119.

STATION WAGON: '61 Willys Jeep, 4-whl. drive, 29,000 mi., R&H, $650. 727-8157.

EQUIP.: Beauty, shampoo sink & chair, w/ detach. head-rest, 2 chrs. w/ att. hair dryers, $175. PI 7-3415.

CHEVY: '64 Nova, 6 cyl., auto., snows, R&H, $650. PY 8-8827.

VALIANT: '63, 4-dr., pwr. steer., auto., $100. MA 3-0636.

GOLF SET: Dunlop, pro, woods 1 to 5, all irons, bag, extras, $125. 781-0671.

FALCON: '66 Futura, air cond., full. auto., new tires, 1 owner. OR 1-5786 after 5.

ENGINE: British Seagull, aux., 40 plus 3 hp, long shaft, 4 blade prop., used 1 hr., best offer over $100. WA 1-0026 after 5.

SKIS: Fisher length 195 wood w/ Cubco bind.; ski boots, Kastinger, dbl. lace, male, size 8; best offer, sep. or together. Robert Schiffer Ext 6320.

CHEVY: '64 Malibu SS, conv., 6 cyl., yel. w/ black tp., bkts., auto., pwr. steer., R&H, $800. Mary Cooke, Ext. 1435.

TAPE RECORDER: Stereo, prof. mod. AKAI M-8 w/ match. extern. spkers., $200. 538-4817.

CAMPER: '68 Starcraft, Starmaster, slps. 6, stove, sink, icebox, dinette, canopy, spare tire, brake actuator on hitch, $1,425. Ferdinand Kokoska, Ext. 2677.

CHEVY: '57, 2-dr., 283, 3-spd. Hurst, needs batty., best offer over $100. Ed Hollie, Ext. 84160.

BOAT: Luhrs Sea Skiff, 23 ft., hardtp., 175 hp, '65 G.M. eng., ask. $1,700. MO 9-5147.

VW: '68 deluxe, new radials, R&H, $1,500. 796-7779 after 6.

END TABLE: Ital. provin., fruitwd. fin., $40. GE 3-9221.

DATSUN: '69 spt. 2000, AM/FM, spec. wheels, $2,400. Rick Shaper, Ext. 6196.

POOL TBL.: 4x7 ft., $15. 277-1971.

For Sale

CHEVY: '59 Impala, $175. HA 3-1650 after 5.

DRUMS: Complete set Gretsch, $350. 538-8815 evgs.

PHOTO EQUIP.: Time O Lite printer, Sun Ray lamps, tanks, holders, hangers, trays, 4x5 Speed Graphic w/135 mm lens & Schneider Angulon 1:6.8/90 wide angle. Dom Grisanzio, Ext. 7901.

BICYCLE: Schwinn, 26 in., lg. frame., stand. handlebars & saddle, 2 spd., semi-auto. trans. Phil Morris, Ext. 9325.

PROPERTY: 100x100, village of Greenwood Lake, N. Y., w/lake rts., $4,500. PR 5-2284.

MUSTANG: '66, hardtp., V-8, 289 eng., 4 bbl. carb., 4 spd. stick, $1,200. 751-1572.

TABLES: Lamp, sol. mahog. Duncan Phyfe. 212-996-2273.

PROPERTY: Ridge, 100x550 ft., 1.2 acres, Woodlot Rd. Susan Koppell, Ext. 2271.

SURFBOARD: Bob Wh., 7 ft. 8 in., 4 remov. fins by Fins Unltd., $100. C. A. Sewell, Ext. 57-231.

CAPRICE: Late '66 hardtp., bkt. sts., auto., 327 eng., posi, w/w, orig. owner, extras, $1,475. J. Ericksen, Ext. 2981.

BROADLOOM: Royal bl. sculp. carpet., 11½x15 ft., 6 mos., ask. $130. S. DiLorenzo, Ext. 1283.

CADILLAC: '66 Sed. deVille, blue, blk. vinyl rf., leath. int., extras, $2,500. 822-2928.

TIRES: 2 snows, 670x15, $15 ea. 588-9233.

JACK: Blackhawk, hydraul., 4-ton rolling, floor, for autos & trucks, 2 ft. lift, $100. Walter Schillinger, Ext. 7881.

TV: GE, '58 b&w, blonde cab., $30; also boy's 20 in. bike, girl's 20-in. bike, $15/ea. Dana Davis, Ext. 57-695.

CARRIAGE: Biltrite coachette, coffee col., $25. 473-7787.

ENGINE: VW, rebit., 40 hp, $150, installed. B. T. Gates, Ext. 2966.

PROJECTOR: Keystone 8mm, 1.6 zoom lens w/750 w lamp, reverse, rewind, still, spd. contr., 400 ft. cap. w/light plug, $25. Ed Hensen, Ext. 7466.

VW: '63 Bug, $375. 234-2490.

STATION WAGON: '66 Pontiac Catalina, air cond., full pwr., best offer. 541-0210.

DINETTE SET: Walnut formica, tbl., 36 x 72 in., 2 leaves, 6 vinyl cush. chairs w/bronze met. legs, $40. PE 5-6296.

BOAT: '65, 16 ft. Glasspar, elec. start., marine top, new canv., fold-down seats, '67 Boyer tilt trlr., $700. 666-6392.

SKI RACK: Barrecrafter SR12, holds 6 pr., blt.-in locks, $15. 692-8861 after 6.

AIRPLANE: Ercoupe 415c, all met., 140 hrs. since M.O.E. eng. 1150 hrs. total, panel incl. artif. horizone, Narco Superhomer VHT 3, Feb. lic., $2050. 293-5005 days.

STATION WAGON: '60 Valiant, $175. HR 3-4732.

OLDSMOBILE: '69, 442 conv., pwr. steer. & bks., AM/FM, 4-spd., mags, 11,000 mi., $2,500. ED 4-6192.

OLDSMOBILE: '65, conv., yel., blk. tp. & int., pwr. steer. & bks., turbo hyd. trans., AM/FM, w/w snows & reg., GM. wire whl. cvrs., $1.150. 431-5041, after 5.

PONTIAC: '68 Firebird, 400 c.i., grn., blk. vinyl tp., 4-spd., hood tach, gauges, pwr. steer., disc bks., $2,500. MA 7-0922.

CHEVROLET: '63, pwr. steer., 4-dr. Impala, $250. MO 9-7283.

CHEVROLET: '56, w/'66, 327, 275 hp eng., 4-spd., '68 Muncie trans., 4-spd. Hurst, hvy. dty. susp., blk. LeMans bkt. seats, extras, $300. 757-3189.

CAMPER: '67 Frolic camp. trail., 25 ft. lg., slps. 7, $2,300. Ed Fischer, Ext. 3351.

TRAILER HITCH: '64-'66 Ford Mustang, $10. PY 8-7431.

FURNITURE: Sofa, 2 chrs., 2 end tbls., cof. tbl., 2 lmps., contemp., $100. 587-4888.

DINE SET: Heyward Wakefield, 6 chrs., 40 x 60 tbl., hutch, tbl. pds., wood, sable col., $150. Walter Mayor, Ext. 2986.

MISC.: Mediterranean stereo cons. w/Westing. sol. state 60 AM/FM radio, & GE elec. phono., $300. 698-1150 after 5.

MIMEOGRAPH: A.B. Dick mod. 90. Fred Davis, Ext. 2536.

SKI BOOTS: Buckle type, sz. 11, $25; lace type, sz. 11½, $15. Ralph Hilbert, Ext. 57-217.

BUICK: '67, Elec. Cust. Ltd, 4-dr, HT, full pwr., A.C., vinyl tp., tilt steer. whl., 24,000 mi., $2,200. WA 1-4243.

MISC.: 2 Buco crash helmets, 1 bubble shield, 1 visor, $35. LT 9-5019.

For Sale

TRAINS: N. gauge, new 5 eng., 12 pass. cars, 5 frt. cars, 22 sw., 100 ft. track, pwr. contr. pan., tbl., acc., $135. 731-4609.

PARTS: VW seats, comp. set, front & rear, or sell sep. J. Pailet, Ext. 2388.

RAMBLER: '65 Ambassador, 6 cyl., 4 dr., R&H, auto., pwr. steer., 2 snows. on rims, $695. MO 7-1759.

STOLE: Mink, 12 male skins, $175. 368-2915.

MACHINE: Stenotype, $120. CH 9-3335.

MISC.: Accordion, petite, $75; HO motoring set, $40; Mynah bird, starting to talk, cage, $50. Louis DeFranco, Ext. 2918.

HOUSE: Amityville, 100x100 cor. plot, dng. rm. w/firepl., sunporch, den w/½ bath, 2 bedrm., bsmt., oil stm., $22,000; $12,500 FHA 5¼ mtge. 691-3099 after 5.

THUNDERBIRD: '63, 2-dr. hardtp., all pwr., w/w, tinted glass, landau tp. Jos. Jeransky, Ext. 6176.

AMPLIFIER: Fender Bassman amp., 2 12-in. Jensen speakers, $185. OV 1-1247.

OUTBOARD MOTOR: '61, Evinrude, 75hp, all controls, $250. JU 1-5206.

ORGAN: Elec., Rogers mod. 22B, 2-man. cons., 3 tone Cabs., $2,000. 676-5416 after 6.

ENCYCLOPEDIA: Americana deluxe, 36 vol. w/annuals frm. '58 to pres., 20 vol. Bk of Knowledge w/2 dict. & bkcse., all, $125. Lou Kerscher, Ext. 8-4019.

OLDSMOBILE: '63, 88, new bks., $250. HR 3-4735.

CADILLAC: '64, conv., maroon w/tan tp., leather inter., pwr. wind., ant., & 6-way seat, tilt steer. whl., PS-PB-AT, $1,450. AN 5-5766.

MUSTANG: '66, auto. trans., V-8, pwr. steer. new w/w. BA 5-8866, before 6.

CAMARO: '69, SS RS 300 hp, 4 sp., SS mags, bl/blk., vinyl tp., $2,750. FL 4-1775.

WHEEL RIMS: 2 for '63-65 VW, hub cap incl., $10. I Deane, Ext. 1661.

TIRES: 2 800x15 snows, 2 800x15 reg., 2 900x15 reg. HO 5-2218.

MISC.: 35 lb. pull Bear Cub trgt. bow, $15; 12 mtch'd. Easton alum. trgt. arrows for 34 lb. pull bow, $20. TU 4-3038, after 5.

CAMERA: Hasselblad, 150 mm F-4-0. Sonnar for 500C, guar., $380. S. B. Lew, Ext. 86874.

COAT: Grey Persian (Russek's), sz. 10, $500. GE 3-4741.

HOUSE: Shoreham vic., cust. ranch, brk. frnt., 3 bdrm., 2 full bath, firepl., heat. gar., ask. $30,000. SH 4-8519.

RADIO: Aircraft 1½, mod. 516A, 80 chan. navig., (OMNI) dig. tune, 90 channel comm., VHF dig. tune, $550. 724-3471.

MISC.: Ampl. Ampeg, Gemini I, $150.; reverb unit, fender, $45.; Shure mike, std, $40. 785-6312.

CHEVROLET: '65 Impala conv., maroon, pwr. steer., auto. trans., posi., snow tires, $850. Kevin Wall, Ext. 87241.

OLDSMOBILE: '65, 442, 2-dr., auto., pwr. steer. & brakes, R&H, snows, new batt., 34,000 mi., $750. HA 1-2241.

GTO: '69, 4 spd., posi., vinyl tp., pwr. steer., AM-FM stereo, disc brakes, hood tach, pwr. antenna, blue, $2,900. 273-2511.

PONTIAC: '67 LeMans, pwr. steer. & bks., 4 spd., R&H, vinyl tp., $1,600. TW 6-3298.

CHEVROLET: '64 Biscayne, sta. wag., maroon, V-8, auto., pwr., R&H, 2 xtra rims w/snows, hvy. duty trail. hitch. $425. 584-6693, after 5:30.

WHEEL: For VW, '68 thru '70. Vince Casano, Ext. 2525.

HOUSE: 2 barns & gar., on 5 acres, Spencer, N. Y., 3 bdrm., liv. rm., eat-in kit., full bsmt., oil heat, $10,500. FR 9-1369.

HOUSE: Bethpage, 3 bedrm. 2 bath, o'size gar., $13,500 mtge., immed. occup., will consider monthly rental, $23,500. Ed Carter, Ext. 9915.

TABLE: Round, 42 in. dia., blk., formica tp., wr. iron legs, 2 lvs., $20. Robt. Lind, Ext. 86141.

MISC.: 2 lt. grn. damask & velvet per. occas. chairs, $15 ea.; 2 mahog. lthr. tp. ital. Prov. end tbls., $15 ea.; 2 drk. sol. blue sculpt. area rugs, 6 ft. rnd., $20; 9 x 12 oval, $40; fan-back fireside chair, $20. 443-6951.

SOFA: Conv., full sz., wal. arm rests, olive grn, $200. Craig Kavafes, Ext. 7313.

COUCH: 84 in. conv. full dbl. bed. drk brwn., $35. HA 1-2130.

AMPLIFIER: Univox, 3 inputs, vol. tone & trem., 12 in. Jensen spkr., $40. OV 1-1247.

PUPPIES: Poodles, mini, wh., AKC, champ bld. lines, dam obedience trnd. 732-3552.

TYPEWRITERS: IBM elect., $160; Remington man., $60. Morris Bruckman, Ext. 2611.

For Sale

KODAK II; 8mm movie w/1.6 lens & 8.5 to 2.5mm pwr. zoom, no batt., CDS auto. elec. eye reflex viewing, pistol grip, $50. Ed. Hensen, Ext. 7466.

CHAIN SAW: Home-lite, mod. 5-30N, 5 hp gas eng., 24 in. tongue, xtra blade, $60. Q. Mohr, Ext. 3082.

MISC.: Biltrite fld. coach, playpen, jumper, hobby horse, Suzy homemaker vanity. 888-4826.

FAIRLANE: '66, 2-dr., 289 c. i., V-8, R&H, 24,000 mi., $900. 325-0834.

CAMERA: Minox B, mini, light meter flash attach., case, $45. 621-7125.

FURN.: Col. din. rm. set, hd. rock maple, drop lf. tbl. seat 18, w/pads, 6 chrs., china clos., cor. cab., all hand dowelled, $300. OV 1-5146.

ACCORDION: Ferrari, full board, ask. $100. Artie Schwenker, Ext. 9406.

BOAT: 13 ft. Boston Whaler, Johnson 33, w/ remote contr., lights, o'size trlr., '68. Douglas Hill, Ext. 1001.

PONTIAC: '66 Ventura, 2-dr. hardtp., auto., full pwr., vinyl inter., 51,000 mi., $1,200. 212-835-6212.

FURN.: Cust. mod. 3-pc. sect., turq., 18 ga. nyl., open-end, brocade slip covs., ask. $450. MI 3-9689, 4:30-6:30.

RECORDER: Ampex 961 stereo tape, auto. rev., 3 tape spds., 4 track, 2 mikes & spkrs., under guar., $225. 691-7871.

SURFBOARD: Bob White, mod. 1, 7 ft. 8 in., two 1/16 in. stringers, 4 diff. remov. fins, $100. 751-5335 after 5.

PONTIAC: '69 GTO, 4 spd., tint. gl., vinyl tp., fact. equip. whls., pwr. steer. & bks., 13,000 mi., $2,950. 623-0654.

MUSTANG: '67 Fastback, 390 c. i., 4 spd. posi, mag whls., 22,000 mi., $1,800. William Budd, Ext. 57-367.

RADIO: Transmitter, Poly comm. mod. G, CB, nds. wk., $50. 929-4934.

OLDS: '62 Starfire, full pwr., 2-dr. hard-tp., wh., red leath. inter., $400. S. B. Miller, Ext. 57-281.

FORD: Mustang, '65, 6 cyl., auto. trans., bkts., snows. 293-8347 after 5.

PLYMOUTH: '63, 51,000 mi., extensive rear end damage, best offer. 732-4767 after 6.

BANDSAW: Craftsman, w/motor, spd. reducer, stand, $100. Frank J. Kopyto, Ext. 3180.

PROJECTOR: Standard 8, 500 ft. cap., $30; lite bar & case, $10. AN 5-6427.

CAMPER: '69 Cox tent, slps. 5, $65. 212 224-5445 after 6.

PONTIAC: '68 GTO, blk., vinyl tp., 400 c.i., 350 hp, 4 spd. Hurst, pwr. bks., radio w/rear spks., 14,000 mi., $2,200. Donald Lockhart, Ext. 3029.

BEDRM. SET: Rock maple, col. fin., dbl. bed, dresser, chest, match. desk, $150. SU 5-1038 after 7.

ENCYCLOPEDIA: Americana, 30 vol., 7 vol. Lands & People, 10 vol. Book of Knowledge, $60. James Russo, Ext. 2826.

VW: '63, 9 pass. bus, best offer. 781-1326.

HOUSE: Plainview, 3 bedrm. ranch, 8 rm., fin. bsmt., treed, 2 bath, att. gar., o'sized plot. WE 5-6889 after 5:30.

PROPERTY: Stowe, Vt., 4 acres w/view of Mt. Mansfield, $5,000, terms poss. 922-0996.

CHEVY: '56, $100. MO 5-9341.

OLDS: '62 98, full pwr., fact. air, 3 new tires, 2 snows, new batt., gen., voltage reg., spark plugs. OV 1-7381.

OLDSMOBILE: '63, F-85, conv., R&H, auto., cons., reason. 938-0931.

ICE SKATES: Boy's blk, sz. 7. Ruth Kushner, Ext. 1334.

REFRIGERATORS: 2 - 16 cu. ft., $40 ea. SU 5-9164.

MISC.: Kust. 200 PA sys., 2 Shure mikes, 2 stds., Ludwig Hlwd. drums. Barry Kunzler, Ext. 7944.

LOTUS ELAN: '67, conv., Stebro exh., new tp., snows, roll bar, AM/FM, blue, $2,895. WE 5-4467 after 6.

GUITAR: Guild C150D, elec. w/dbl. pickup, full body, sunburst fin., case, $200. JU 7-5813.

FURN.: Coffee tbl. & 2 match. end tbl., secretary, ext. tbl., pads, best offer. IV 5-2882 after 5.

PUPPIES: St. Bernard, AKC, champ. lines, $150. 543-3264.

MG-B: '65, new valves, bks., batt., fuel pump muffler, wire whls., radial tires, stereo, $1,190. 751-0737.

STATION WAGON: '68 Jeepster, 4 w.d., 6 cyl., hydro., snow plow, R&H, w/w, 5750 mi., $2,700. W. Zettinger, Ext. 57-201.

HOUSE: N. E. Patchogue, 3 bedrm. hi-ranch, din. rm., util. & recr. rms., 2-car gar., 75 x 126 fncd. & lndscpd., carpet., $23,500. GR 5-8156.

For Sale

RAMBLER: '60 Rebel V-8, auto., needs trans. seal., $40. MO 9-5609.

CAMERA: Kodak Bantam spec., 828 film, Ektar f 2.0 lens, Compur 1/500 shutter, 2 cases, Kalart micro. flash, $45. CH 9-1052.

FURN.: 2-pc. sect. couch, 6 ft. long ea., blue flor. slip cover, $175. Bob Murray, Ext. 9515.

OIL BURNER: Winkler, L.P., ¾ gpm, $75. E. E. Miller, Ext. 2741.

OLDS: '63, 88 Holiday, needs body wk., new bks., $325. HR 3-4732.

PONTIAC: '66 Tempest, 2-dr. cust. V-8., auto., w/w, 35,000 mi., $1,200. A. Furio, Ext. 86048.

PONTIAC: '67 LeMans conv., sprint pkg., OHC 6 cyl., 4bbl., 215hp, Hurst 3 spd., hvy. duty clutch & suspen., pwr., R&H, blk. vinyl inter., bkts. & cons., 5 mag whls. & wide ovals, under warr. PR 5-6593 after 6.

DODGE: '60, Pioneer, 4-dr. sed., stick. WE 1-2560.

TRIUMPH: '69, GT6 plus, blue, 8,000 mi., best offer or take over pay. WE 5-3197.

CAMARO: '67 conv., 327 4 spd., R&H, new tp., carb. & tires. $1,600. 724-6845.

CORVETTE: Cust. Keleson fbgls. bdy., 427 c.i., 435 hp, stereo tape, $4,000. 692-6928.

CHEVELLE: '66, 427 c.i., 4 spd., headers, 4:88 posi, best offer. 692-6928.

MOTORCYCLE: '66 BMW R69S - 600 cc, windshld., Buco F/G bags, crash bars, lug. rack, tach, mirrors, tour. tank, 4,600 mi., $1,150. 931-4858.

COMPASS: Racing, Airguide, for any boat, $12.50. HA 3-6951.

AIR CONDITIONER: Moving. Sell for fair price. 538-7596.

TV: Admiral 21 in., console w/radio & phono., ask. $50. CH 9-1730 after 5.

BURNER: Oil, $30. AT 9-3018 after 6.

HEATER: Gas, Duo Therm, uses nat. or L.P. gas, 50,000 BTU, input, safety pilot & thermo, never used, $90. Edward J. Wiencek, Ext. 1071.

TURNTABLE: Fairchild 412 w/base & arm, single spd., $35. Graziano, Ext. 87120.

MISC.: 24 pcs. 4x7 ft. Plygem Java wal. paneling, 4 pcs. 4x8 ft. Plygem wal. paneling, $205; 5x5 ft. baby grand piano w/bench, mahog., $300. Joseph Ciaccio, Ext. 1750.

GTO: '65, 2-dr. hardtp., 4 spd. Hurst, 360hp, 389 c.i., tri-pwr., all pwr., orig. owner. 212-445-3761.

FORD: '63, Gal. 500 XL, 390 c.i., 2-dr. hardtp., 4 spd. Hurst, '67 eng., rebit. trans. John Meshelany, Ext. 87371.

TIRES: 500x15 mtd. on Renault whls., 3 for $30. AT 9-3018 after 6.

TIRES: 4, 7:75x15 in. on Rambler rims, 3,000 mi. Gerard Holwell, Ext. 1270.

BOAT: 14 ft. Luger runabout, steer., windshld., '69 Cox trlr., $400. JU 1-3663.

MISC.: Stereo radio/phono, 20/20w AM/FM Bogen rec'vr., 72 in. wal. cab., Garrard changer, Pickering dia. need., cart., 2, 12-in. speakers, 23-in. TV, $325. 589-5988.

MGB: '65, British rac., grn., new eng. job & clutch, wires 9 AM/FM, $1,050. Karl Deibler, Ext. 9665.

VW: '63 bus, needs eng., $95. 234-2490.

BINOCULARS: 7x35 extra wide angle, ctr. foc. w/rt. eye adjust., case, $25. MO 7-8350 after 9.

MISC.: 2 sld. wal. end tbls., $90 pr., 65 in. marble cocktail tbl., $40. 732-4735.

IGNITION ANALYZER: Heath, all wir. & literature, $90. 727-4863 before 3.

MISC.: Framus elect. guitar w/Gibson case & Haynes Jazz King II amplif. CA 1-5857.

DRUM SET: Gretsch, 4 piece & 4 Zildijian cymb. OR 6-5833, 5 to 6.

POODLE: AKC reg., 8 mos., male, apricot, mini. $75. IV 6-7637.

HAM EQUIP.: NCX-3 w/AC & DC supp., mike, hustler ant. w/mount, $300. I. Solomon, Ext. 84446.

VW: '63, conv. new tp., 50,000 mi., $500. 921-7234.

AUSTIN HEALY: '66, Sprite, new front, tires & bks., vinyl tp., $375. D. MacIntosh, Ext. 1230.

TYPEWRITER: Remington "Quiet Writer," port., $30. Lee Lucas, Ext. 1656.

SKIS: Fisher, wood, 6 ft. 3 in., Look Nevada bindings. $30. J. Sureau, Ext. 1244.

COAT: Woman's, nvr. worn, sz. 7, red wool, grey Persian lamb col., $60. PO 7-5138.

HOUSE: Selden, 3 rm., 100 x 130 plot, low taxes, $9,000. PE 1-7008.

HOUSE: Smithtown hi-ranch, 4 bedrm., 1½ bath, den w/ patio, kit., porch. 724-4222.

CADILLAC: '65 DeVille, conv., $2,150. AN 5-8607.

For Sale

RANGE: Gas counter-top, 4 burner, $30. G. Rabkin, Ext. 1837.

CAMERA: Polaroid #120, b&w, & color, $20; Bell & Howell 8 mm movie, zoom, Mod. 310F, $35. PO 7-5138.

MISC.: 30 gal. gas hot water htr., $30; kit. cab., $50; old time ice box, $15; 12 bundles yel. & 6 olive asbestos shingles, 1 bx. ceil. tiles, 64 pcs., $35. 698-1704.

TIRES: Snows, w/w Uni-Royal, 825x14 low profile w/ stud holes, $30. Bob Schiffer, Ext. 1419.

CHEVY: '58, 6 cyl., stand., new exh. syst. & bks., $150. R. Shannon, Ext. 86210.

CARRIAGE: Twin, fold., silv., $25. 667-2587.

AMPLIFIER: Ampex B-15, 2 chan. w/ 15 in. Jensen bass spkr., $75. WE 8-1724 after 6.

BOOTS: Ski, Hockland, lace type, size 9, $18. A. Casper, Ext. 87285.

HOUSE: Bethpage area, 4 bedrm. split, 2 bath, gar., 2-zone heat, w-w, den, bsmt., alum. siding on front, ask. $39,000. 681-7448.

FORD: '65 Galaxie, 4-dr., stand. trans., $775. Guido Lodolce, Ext. 84734.

HUTCH: Early Amer. pine, 6 ft.; also black wig, 100% human hair, $30. 265-6208.

HOUSE: N. Wyandanch, 4-bedrm. Cape, eat-in kit., fin. bsmt., s/s, o/h/w, 75x100, lndspd., $17,700. 643-8078.

PA SYSTEM: Kustom 200, life guar., ask. $425. Barry Kunzler, Ext. 7944.

BOOTS: Ski, lady's, inner & outer lace, size 9½, $15. R. O'Donnell, Ext. 2301.

HOUSE: Bay Shore, cust. 3-bedrm. ranch, bsmt., gar., din. rm., sunk. liv. rm. 665-1270.

BUICK: '61 Invicta, 4-dr., pwr. steer, bks., $300. 273-1171 after 5.

COUGAR: '68, under 16,000 miles, orig. owner, mag wheels, best offer. 888-7560.

HEADBOARD: Early Amer., ant. fin., stl. Hollywd. bed & rollers, $15. M. Loesch, Ext. 9666.

TRACTOR: Gravely, snowplow attach. recent o'haul, $140. ED 4-4808.

KITCH. ITEMS: Comp. 20 ft. bir. cab., Caloric chr. wall oven & burn., GE refr.-freez., Kitch. Aid dishwash. WE 8-7611.

PONTIAC: '62 conv., full pwr., snows, R&H, $195. PE 5-1465.

CHEVY: '64 Impala, hardtp., full pwr., auto., fac. air., 2 snows, $850 or best offer. 751-3148.

TIRES: 2 snows 560x15, Allstate, mtd. on new 5-lug whls., blackwall tubeless 1 700x13 mtd. on Corvair whl. MO 1-0226.

STOLE: Fur cape, $35. HA 7-8163.

CHEVY: '65, 6 cyl., $100. MO 5-9341.

STA. WAG.: '66 Falcon Futura, stand. trans., snows, $850. MO 7-1427.

RANGE: Magic Chef, gas, $30. 928-2030.

plane GRUMMAN news

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They're making it a habit — and having fun doing it, too

There was a happy feeling in the air at Grumman's Silver Anniversary luncheon last month at the Huntington Town House. The guest list totaled almost 1800, including 289 new members of the "Quarter-Century Club," seven of them women.

There was nothing quite like this Christmas party anywhere on Long Island. Some had flown up from Florida, and other long-service Grummanites had traveled from Houston and the West Coast.

It was a day of torrential rain and traffic snarls, but thanks to the meticulous planning and hard work of Public Affairs, Transportation, and Employee Services, all the out-of-towners got to the party on time. And many of the stalwart retirees made it under their own steam, well ahead of the 11 a.m. get-together that preceded the luncheon.

Greetings between some of the spry retirees and the Grumman "youngsters" were really something to see. Like the burly six-footer in his seventies bear-hugging one of his Grumman "boys" of years ago. And it was just as warming to see the oldtimers chatting with the women being welcomed into the club, many of whom were barely out of their 'teens when they joined the Company in World War II.

During the award of special 40-year pins to Clint Towl, Bill Schwendler, Charlie Solarski, and Albert Loening, (associated with Grumman as a member of the Board since 1930), there was the usual banter. Solarski recalled that, " . . . 'way back in 1929, when a buck was really worth a buck, I was working in Brooklyn. I lived near the job, and it cost me only peanuts for carfare. So when I was offered a job away out in the sticks in Baldwin, I said, 'What'll it cost me to commute on the Long Islaid (Rail Road)?' Mr. Grumman said, 'Around eight bucks a month.' So I said, 'Pay my fare, on top of my wages, and I'll start Monday.' Mr. Grumman agreed, so I started in Baldwin. . . . it seemed like a million miles from Brooklyn then. . . . but, y'know what?, the Long Island kept better time and was **faster**, 40 years ago!"

'Friendly voices'

Frances O'Connell, a Grumman telephone operator, recalls that "I'd never worked in my life before I started with the Company in 1942. I didn't know one side of a switchboard from another. I just learned on the job. I thought that I'd leave when the war was over. . . . but I'm still here, and enjoying the association with Grumman people. There's thousands of them I've never met, but they have friendly voices."

One of the oldest Grumman retirees at the luncheon was Frank Flamm, who will be 81 in a month or so. Frank's working life has spanned 55 years, for he started work in a sheet metal shop at 14, joined Grumman in 1932, and retired from the Company in 1958 when he was 69.

The Grumman Silver Anniversary celebration is much more than a luncheon; it's a family reunion.

Welcoming committee. George Titterton, retired Senior Vice President, and President Lew Evans (at right) welcome new members to Grumman 'Quarter-Century Club.' Other officers on hand to congratulate the silver anniversary celebrants were Board Chairman Clint Towl and Bill Schwendler, Vice Chairman of Grumman Aerospace.

Special greetings. Clint Towl greets Mary Dugan, who also happens to be the Board Chairman's secretary when she's not attending 25-year luncheons. Below, George Skurla meets Towl as Shirley Reiss stands by with a memento of the luncheon.

Those were the days. . . . Well, things may be a little better today, Charlie Solarski (L standing) admits to Albert Loening, Board member, as they greet each other during presentation of special pins for 40-year Grummanites. At left are Lew Evans and Clint Towl, who had a front seat for the exchange of quips.